

The Power of **AND**



2016-2017 undergraduate

Catalog

University of Wisconsin
Eau Claire

TABLE OF CONTENTS

The University of Wisconsin - Eau Claire	7	Multimedia Communication, Minor	74
About the Catalog	12	Neuroscience, Liberal Arts, Minor	74
Academic Calendar	13	Physical Science, Comprehensive Major - Teaching	75
Undergraduate Catalog	14	Physics-Mathematics, Mathematics Emphasis, Comprehensive Major - Teaching	78
Undergraduate Overview	14	Physics-Mathematics, Physics Emphasis, Comprehensive Major - Teaching	82
Admission	14	Pre-Professional Health Science, Minor	85
Paying for College	17	Russia and East European Studies, Minor	86
Student Resources	21	Social Studies, Broadfield Teaching Economics Emphasis, Comprehensive Major	86
Library and Technology Resources	21	Social Studies, Broadfield Teaching Economics/History Emphasis, Comprehensive Major	90
Academic Opportunities	22	Social Studies, Broadfield Teaching Geography Emphasis, Comprehensive Major	93
Academic Services	24	Social Studies, Broadfield Teaching Geography/History Emphasis, Comprehensive Major	97
Student Services, Activities and Organizations	27	Social Studies, Broadfield Teaching History Emphasis, Comprehensive Major	101
University Honors Program and Courses	33	Social Studies, Broadfield Teaching Political Science Emphasis, Comprehensive Major	105
Academic Policies and Regulations	38	Social Studies, Broadfield Teaching Political Science/History Emphasis, Comprehensive Major	108
Academic Definitions	38	Social Studies, Broadfield Teaching Sociology Emphasis, Comprehensive Major	112
Registration	39	Social Studies, Broadfield Teaching Sociology/History Emphasis, Comprehensive Major	116
Academic Standing and Forgiveness	42	Social Studies, Minor - Teaching	120
Grades	43	Teaching English as a Foreign Language, Certificate	120
Credit by Examination	44	Teaching of English to Speakers of Other Languages, Minor - EA-A	120
University Graduation Requirements	46	Teaching of English to Speakers of Other Languages, Minor - EC-A	121
College of Arts and Sciences	51	Teaching of English to Speakers of Other Languages, Minor - MC- EA	121
Associate of Arts and Science	56	Topical Minor, Minor	122
Pre-Professional Programs	56	Transnational Asian Studies, Certificate	122
Interdisciplinary	59	World History and Society: Past, Present, Future, Certificate	122
Ancient Studies, Certificate	60	American Indian Studies	123
Ancient Studies, Minor	61	American Indian Studies, Major	123
Biochemistry/Molecular Biology, Comprehensive Major	61	American Indian Studies, Minor	125
Criminal Justice, Comprehensive Major	63	Art & Design	126
Family Studies, Minor	66	Art History, Minor	127
General Science, Minor - Teaching	66	Art and Design Education, Comprehensive Major	127
Gerontology, Minor	67	Art, Art History Emphasis, Major	130
Global Studies, Minor	68	Art, Ceramics, Comprehensive Major	132
Hmong Studies, Certificate	69		
Interdisciplinary Linguistics, Certificate	70		
Interdisciplinary Linguistics, Minor	70		
Language Arts, Minor - Teaching	71		
Liberal Studies, Comprehensive Major	71		
Marine Science, Minor	73		
Middle East Studies, Certificate	73		
Middle East Studies, Minor	73		

Art, Digital Media, Comprehensive Major	134	Integrated Strategic Communication, Public Relations Emphasis, Major	189
Art, Drawing & Painting, Comprehensive Major	136	Journalism, Major	190
Art, Graphic Design, Comprehensive Major	138	Journalism, Minor	192
Art, Illustration, Comprehensive Major	139	Organizational Communication, Certificate	192
Art, Liberal Arts, Graphic Communications Emphasis, Comprehensive Major	141	Social Advocacy and Change, Certificate	192
Art, Liberal Arts, Studio Art Emphasis, Comprehensive Major	143	Computer Science	193
Art, Minor	145	Computer Programmer, Certificate	193
Art, Photography, Comprehensive Major	145	Computer Science, Comprehensive Major	193
Art, Printmaking, Comprehensive Major	147	Computer Science, Liberal Arts Emphasis, Minor	195
Art, Sculpture, Comprehensive Major	149	Computer Science, Software Engineering, Major	196
Art, Studio Emphasis, Major	151	Web Design and Development, Certificate	198
Biology	153	Economics	198
Biology, Ecology and Environmental Biology Emphasis, Comprehensive Major	154	Economics, Business, Comprehensive Major	199
Biology, General, Minor	156	Economics, Major - Liberal Arts	201
Biology, Major - Teaching	156	Economics, Major - Teaching	202
Biology, Major - Liberal Arts	160	Economics, Minor - Liberal Arts	206
Biology, Microbiology Emphasis, Comprehensive Major	162	Economics, Minor - Teaching	206
Biology, Minor - Teaching	164	English	207
Chemistry	164	English, Comprehensive Major - Teaching	208
Chemistry with Business Emphasis, Comprehensive Major	165	English, Creative Writing Emphasis, Major	212
Chemistry, A.C.S., Biochemistry Emphasis, Comprehensive Major	167	English, Creative Writing, Minor	215
Chemistry, A.C.S., General Emphasis, Comprehensive Major	169	English, Critical Studies in Literatures, Cultures, and Film Emphasis, Major	216
Chemistry, A.C.S., Materials Science Emphasis, Comprehensive Major	171	English, Critical Studies in Literatures, Cultures, and Film, Minor	219
Chemistry, Major - Liberal Arts	173	English, Early Adolescence/Adolescence, Minor	220
Chemistry, Major - Teaching	175	English, Linguistics, Major	221
Chemistry, Minor - Teaching	179	English, Major - Teaching	224
Chemistry, Minor - Liberal Arts	179	English, Rhetorics of Science, Technology, and Culture Emphasis, Major	228
Chemistry, Research Emphasis, Comprehensive Major	179	English, Rhetorics of Science, Technology, and Culture, Minor	231
Communication and Journalism	182	Geography and Anthropology	233
Communication, Communication Studies Emphasis, Major	183	Geography, Environmental Geography, Comprehensive Major	234
Communication, Communication Studies, Minor	184	Geography, Major	237
Communication, Organizational Communication Emphasis, Major	185	Geography, Minor - Liberal Arts	239
Communication, Organizational Communication Emphasis, Minor	186	Geography, Minor - Teaching	240
Integrated Strategic Communication, Advertising Emphasis, Major	187	Geography, Transnational Geographies, Comprehensive Major	240
Integrated Strategic Communication, Certificate	188	Geospatial Analysis and Technology, Comprehensive Major	244
Integrated Strategic Communication, Liberal Arts, Minor	188	Geospatial, Certificate	245
		Geospatial, Geographic Information Systems, Certificate	246

Geospatial, Mapping, Certificate	246	Spanish, Liberal Arts, Major	290
Geospatial, Remote Sensing, Certificate	247	Spanish, Major - Teaching	292
Geology	247	Spanish, Minor - Liberal Arts	295
Geology, Dual Degree Geological Engineering Emphasis, Comprehensive Major	248	Spanish, Minor - Teaching - EA-A	295
Geology, Earth and Space Science Emphasis, Comprehensive Major - Teaching	250	Spanish, Minor - Teaching - EC-A	296
Geology, Environmental Science Emphasis, Comprehensive Major	254	Spanish, Minor - Teaching - MC-EA	296
Geology, General Geology Emphasis, Comprehensive Major	256	Latin American Studies	297
Geology, Hydrogeology and Water Chemistry Emphasis, Comprehensive Major	258	Latin American Studies, Comprehensive Major - Teaching	298
Geology, Major	260	Latin American Studies, Culture, Language and Society Emphasis, Major	301
Geology, Minor - Liberal Arts	262	Latin American Studies, Language Emphasis, Major	304
Geology, Minor - Teaching	262	Latin American Studies, Liberal Arts Emphasis, Comprehensive Major	306
History	263	Latin American Studies, Minor	308
Global and Comparative History, Certificate	263	Materials Science	309
History of Race, Gender, and Society, Certificate	264	Materials Science and Engineering, Comprehensive Major	310
History, Major - Liberal Arts	264	Materials Science, Applied Materials Emphasis, Comprehensive Major	312
History, Major - Teaching	267	Materials Science, Chemistry of Materials Emphasis, Comprehensive Major	314
History, Minor - Liberal Arts	270	Materials Science, Entrepreneurship Emphasis, Comprehensive Major	316
History, Minor - Teaching	270	Materials Science, Geomaterials Emphasis, Comprehensive Major	318
History, Public History Emphasis, Major	271	Materials Science, Liberal Arts Emphasis, Comprehensive Major	320
Languages	274	Materials Science, Mathematics of Materials Emphasis, Comprehensive Major	322
French Proficiency, Certificate	276	Materials Science, Nanoscience Emphasis, Comprehensive Major	323
French, Major - Liberal Arts	276	Materials Science, Physics of Materials Emphasis, Comprehensive Major	325
French, Major - Teaching	278	Mathematics	328
French, Minor - Liberal Arts	281	Mathematics, Actuarial Science Emphasis, Comprehensive Major	329
French, Minor - Teaching - EA-A	281	Mathematics, Actuarial Science, Minor	331
French, Minor - Teaching - EC-A	281	Mathematics, Applied/Statistics Emphasis, Major	331
French, Minor - Teaching - MC-EA	282	Mathematics, Comprehensive Major - Teaching	333
German Proficiency, Certificate	282	Mathematics, Liberal Arts Emphasis, Major	336
German, Business/Professions Emphasis, Major	282	Mathematics, Major - Teaching	337
German, Liberal Arts Emphasis, Major	284	Mathematics, Minor - Liberal Arts	340
German, Major - Teaching	286	Mathematics, Minor - Teaching	341
German, Minor - Liberal Arts	289	Mathematics, Minor - Teaching - MC-EA	341
German, Minor - Teaching - EA-A	289	Mathematics, Research Emphasis, Comprehensive Major	341
German, Minor - Teaching - EC-A	289	Music and Theatre Arts	343
German, Minor - Teaching - MC-EA	289		
Japanese, Minor	289		
Ojibwe Language, Certificate	290		
Spanish for Health Professions, Minor	290		

Dance, Minor	345	Political Science, Major - Liberal Arts	401
Fine Arts Administration, Certificate	346	Political Science, Major - Teaching	403
Music, Applied Instrumental, Comprehensive Major	346	Political Science, Minor - Liberal Arts	406
Music, Applied Voice, Comprehensive Major	348	Political Science, Minor - Teaching	407
Music, Choral and General Music, Comprehensive Major - Teaching	350	Political Science, World Politics Emphasis, Comprehensive Major	408
Music, Collaborative Piano, Comprehensive Major	353	Psychology	411
Music, Composition, Comprehensive Major	355	Psychology, Behavior Analysis, Major	411
Music, Instrumental and General Music Teaching, Comprehensive Major	357	Psychology, Major	413
Music, Major	361	Psychology, Minor	415
Music, Minor	363	Sociology	415
Music, Music History, Comprehensive Major	364	Social Diversity, Certificate	416
Music, Piano Pedagogy, Comprehensive Major	366	Sociology, Major	416
Music, Piano Performance, Comprehensive Major	368	Sociology, Minor - Liberal Arts	417
Music, Theory, Comprehensive Major	369	Sociology, Minor - Teaching	418
Theatre Arts, Comprehensive Major	371	Watershed Institute for Collaborative Environmental Studies	418
Theatre Arts, Major - Liberal Arts	373	Environment, Society, and Culture, Minor	419
Theatre Arts, Major - Teaching	375	Environmental Public Health, Comprehensive Major	420
Theatre Arts, Minor - Liberal Arts	378	Environmental Science, Minor	422
Theatre Arts, Minor - Teaching - EA-A	378	Women's Studies	423
Theatre Arts, Minor - Teaching - MC-EA	379	LGBTQ Studies, Certificate	423
Philosophy and Religious Studies	380	Women's Studies, Certificate	424
Ethics, Certificate	380	Women's Studies, Major	424
Philosophy, Major	381	Women's Studies, Minor	426
Philosophy, Minor	382	College of Business	427
Religious Studies, Major	382	Accounting and Finance	430
Religious Studies, Minor	384	Accounting, Comprehensive Major	431
World Religions, Certificate	385	Accounting, Minor	433
Physics and Astronomy	386	Audit and Control, Minor	434
LABVIEW, Certificate	386	Business Finance, Comprehensive Major	434
Physics, Applied Physics Emphasis, Major	387	Business Finance, Minor	436
Physics, Dual Degree Engineering Emphasis, Major	389	Business Communication	436
Physics, Liberal Arts Emphasis, Major	390	Advanced Business Communication, Certificate	436
Physics, Major - Teaching	392	Information Systems	437
Physics, Minor - Liberal Arts	396	Information Systems, Certificate	438
Physics, Minor - Teaching	396	Information Systems, Comprehensive Major	438
Political Science	396	Information Systems, Minor	440
Campaign Consulting, Certificate	397	Management and Marketing	441
International Affairs, Certificate	397	Business Administration, Major	442
Legal Studies, Certificate	398	Business Administration, Minor	444
Political Science, Legal Studies Emphasis, Comprehensive Major	398	Entrepreneurship, Certificate	444
		Entrepreneurship, Minor	444

Health Care Administration, Comprehensive Major	444	Kinesiology	499
International Business, Certificate	448	Adaptive Physical Education, Minor	500
International Business, Comprehensive Major	449	Athletic Training, Comprehensive Major	500
International Business, Minor	452	Kinesiology, Human Performance Emphasis, Fitness Management Option, Comprehensive Major	504
Leadership Studies, Certificate	453	Kinesiology, Human Performance Emphasis, Health Promotion Option, Comprehensive Major	506
Management, Entrepreneur Program Emphasis, Comprehensive Major	453	Kinesiology, Human Performance Emphasis, Pre-Professional Option, Comprehensive Major	509
Management, Human Resource Management (HRM) Emphasis, Comprehensive Major	455	Kinesiology, Human Performance Emphasis, Sport Performance Option, Comprehensive Major	512
Management, Management Emphasis, Comprehensive Major	457	Kinesiology, Minor	515
Management, Minor	459	Kinesiology, Movement Studies Emphasis, Major	515
Management, Operations and Supply Chain Management Emphasis, Comprehensive Major	460	Kinesiology, Physical Education Teaching Emphasis, Comprehensive Major	517
Marketing, Comprehensive Major	462	Kinesiology, Sport Pedagogy Emphasis, Comprehensive Major	520
Marketing, Marketing Analytics Emphasis, Comprehensive Major	464	Science of Coaching, Minor - Liberal Arts	523
Marketing, Minor	465	Science of Coaching, Minor - Teaching	523
Marketing, Professional Sales Emphasis, Comprehensive Major	466	Social Work	523
Military Science and Leadership	468	Social Work, Child Welfare, Certificate	524
College of Education and Human Sciences	469	Social Work, Comprehensive Major	525
Education Studies	475	Social Work, Gerontology, Certificate	527
Early Adolescence through Adolescence Licensure	477	College of Nursing and Health Sciences	528
Early Childhood through Adolescence Licensure	478	Nursing	532
Elementary Education, Major	479	Nursing, Accelerated B.S.N. Option, Comprehensive Major	534
Middle Childhood through Early Adolescence Licensure	482	Nursing, B.S.N. Completion Program, Comprehensive Major	534
Special Education	483	Nursing, Eau Claire Program, Comprehensive Major	536
Cognitive Disabilities (CD) 1-12, Certificate	484	Nursing, Marshfield Program, Comprehensive Major	538
Emotional Behavioral Disabilities (EBD) 1-12, Certificate	485	Nursing, WTCS Associate Degree in Nursing BSN Completion Program (Collaborative Nursing Degree), Comprehensive Major	540
Learning Disabilities, Minor - Teaching - EA/A	485	Topical Minor, Minor	542
Learning Disabilities, Minor - Teaching - MC-EA	485	Courses	544
Special Education, Emotional/Behavioral Disabilities and Middle Childhood through Early Adolescence Regular Education, Comprehensive Major	486	Accounting (ACCT)	546
Special Education, Learning Disabilities and Cognitive Disabilities, Comprehensive Major	488	American Indian Studies (AIS)	553
Special Education, Learning Disabilities and Middle Childhood through Early Adolescence Regular Education, Comprehensive Major	490	Anthropology (ANTH)	557
Special Education, Unified Early Childhood, Comprehensive Major	493	Art (ART)	559
Communication Sciences and Disorders	495	Art History (ARTH)	567
American Sign Language, Certificate	496	Biology (BIOL)	569
Communication Sciences and Disorders, Comprehensive Major	496	Business Administration (BSAD)	578
		Business Communication (BCOM)	582
		Chemistry (CHEM)	584
		Chinese (CHIN)	590

Collaborative Nursing (CND)	591	Marketing (MKTG)	755
Communication & Journalism (CJ)	592	Materials Science (MSCI)	759
Communication Sciences and Disorders (CSD)	601	Materials Science and Engineering (MSE)	760
Computational Science (CPSC)	611	Mathematics (MATH)	762
Computer Science (CS)	611	Military Science and Leadership (MSL)	775
Criminal Justice (CRMJ)	615	Music (MUSI)	778
Dance (DNCE)	616	Music Education (MUED)	795
Data Science (DS)	618	Nursing (NRSNG)	797
Economics (ECON)	619	Philosophy (PHIL)	813
Education Studies (ES)	624	Physics (PHYS)	817
English (ENGL)	640	Political Science (POLS)	821
English As Second Language (ESL)	654	Professional Studies Arts and Sciences (PSAS)	830
Environmental Public Health (ENPH)	656	Professional Studies Business (PSB)	830
Environmental Studies (ENV)	659	Psychology (PSYC)	831
Finance (FIN)	660	Religious Studies (RELS)	842
Foreign Language (FLG)	664	Russian (RUSS)	845
Foreign Literature in Translation (FLTR)	666	Social Work (SW)	845
French (FREN)	666	Sociology (SOC)	848
General Arts & Sciences (GEN)	669	Spanish (SPAN)	852
Geography (GEOG)	670	Special Education (SPED)	857
Geology (GEOL)	678	Theatre Arts (THEA)	866
German (GERM)	682	Unified Early Childhood (UEC)	872
Greek (GRK)	685	Womens Studies (WMNS)	876
Health Care Administration (HCAD)	686	Writing (WRIT)	885
History (HIST)	689	Degree Programs	887
Hmong (HMNG)	705	Index	891
Honors Colloquia (HNRS)	705		
Humanities (HUMS)	709		
Information Systems (IS)	709		
Interdisciplinary Studies (IDIS)	714		
International Business (INTB)	718		
International Exchange Programs (INTX)	719		
International Studies (INTS)	722		
International Studies Abroad (INTA)	722		
Japanese (JAPN)	728		
Kinesiology (KINS)	728		
Languages (LANG)	739		
Latin (LAT)	739		
Latin American Studies (LAS)	740		
Liberal Studies (LS)	744		
Library Science and Media Education (LMED)	745		
Management (MGMT)	749		

THE UNIVERSITY OF WISCONSIN - EAU CLAIRE

105 Garfield Avenue

Eau Claire, Wisconsin 54702-4004

UW-Eau Claire Web Homepage (<http://www.uwec.edu>)

Situated at the confluence of the Eau Claire and Chippewa Rivers, the city of Eau Claire originated as a lumber town in the 1840s. Today, with a population of over 64,000, Eau Claire is a commercial, medical, technological, and educational center for the west central region of Wisconsin. Eau Claire is located 90 miles east of Minneapolis/St. Paul and 247 miles northwest of Milwaukee. The city and the surrounding countryside abound in rivers, lakes, and wooded areas of great natural beauty, where seasonal sports, camping, and other recreational activities may be enjoyed throughout the year.

The University

The University of Wisconsin-Eau Claire was founded in 1916 as the Eau Claire State Normal School, occupying a single building on land donated to the state by the city of Eau Claire. The academic history of the institution is reflected in its subsequent changes of name and mission. As a State Teachers College (1927-51) it awarded baccalaureate degrees in education; as one of the Wisconsin State Colleges (1951-64) it added degree programs in liberal arts. The state colleges were granted university status in 1964, and the Wisconsin State University-Eau Claire was organized into the Schools of Arts and Sciences, Education, and Graduate Studies. The School of Nursing was created in 1965 and the School of Business in 1966. With the merger of the two state-supported university systems in 1971, Eau Claire became a member of the University of Wisconsin System, which includes 13 universities, 13 two-year colleges, and UW-Extension. In 2004, an administrative restructuring created four colleges: the College of Arts and Sciences, the College of Business, the College of Education and Human Sciences, and the College of Nursing and Health Sciences. Graduate programs are administered by each of the colleges.

The University of Wisconsin-Eau Claire today serves more than 10,000 students, offering a variety of undergraduate and graduate programs, and serving regionally as a center for continuing education. The main campus includes 28 major buildings located on a 333-acre, two-level campus, which embraces Putnam Park on the south bank of the Chippewa River and is connected by a footbridge to the Haas Fine Arts Center and the Human Sciences and Services building on the north bank. The university campus also includes The Priory, a facility three miles south of the main campus, and Haymarket Landing, a student apartment complex in downtown Eau Claire.

Select Mission of The University of Wisconsin-Eau Claire

In addition to the University of Wisconsin System Mission and the Core Mission of the University Cluster Institutions, the University of Wisconsin-Eau Claire has the following select mission:

We foster in one another creativity, critical insight, empathy, and intellectual courage, the hallmarks of a transformative liberal education and the foundation for active citizenship and lifelong inquiry.

We fulfill our mission through a pervasive university commitment to provide:

- Rigorous, intentional and experiential undergraduate liberal education for life and livelihood;
- Strong, distinctive professional and graduate programs that build on and strengthen our proud tradition of liberal education;

- Multicultural and international learning experiences for a diverse world;
- Exemplary student-faculty research and scholarship that enhance teaching and learning;
- An inclusive campus community that challenges students to develop their intellectual, personal, cultural and social competencies;
- Educational opportunities responsive to the needs of our communities, state, region and beyond; and
- Academic leadership in transforming liberal education.

Organization of the University

The Chancellor is the University's chief administrative officer, responsible for all phases of University activity, and accountable to the Board of Regents and UW System President. In the discharge of these obligations, the Chancellor is assisted by other administrators, and advised by the faculty, staff, and students of the University.

Subject to the powers of the Board of Regents, the UW System President, and the Chancellor:

- University faculty has primary responsibility for academic and educational activities and faculty personnel matters,
- University academic staff has primary responsibility for academic staff personnel matters,
- University students have primary responsibility for policies concerning student life, services, and extracurricular activities; and share responsibility with the Chancellor and Board of Regents for the disposition of student fees constituting substantial support for student activities.

Administrative Organization and Personnel

Chancellor	James C. Schmidt
Provost and Vice Chancellor for Academic Affairs	Patricia A. Kleine
Director of University Assessment	Jennifer Fager
Academic Affairs Budget Officer	Stephanie Jamelske
Institutional Research	Andrew J. Nelson
Associate Vice Chancellor for Academic Affairs	Michael J. Carney
Director of Academic Skills Center	Audrey Robinson
Director of Admissions	Heather Kretz
Director of Center for Excellence in Teaching and Learning	Angie Stombaugh
Director of Human Development Center	Michael Axelrod
Director of Learning and Technology Services	Craig A. Mey
Director of Libraries	John H. Pollitz
Director of Services for Students with Disabilities	Vicky Thomas
Director of Student Support Services	Bruce J. Ouder Kirk
Associate Vice Chancellor for Academic Affairs & Dean of Graduate Studies	Mary Hoffman
Assistant Vice Chancellor for Research and Sponsored Programs and Director of the Center of Excellence for Faculty/Student Research Collaboration	Karen J. Havholm
Director of McNair Program	Sanjukta Chaudhuri
Director of University Honors Program	Jefford Vahlbusch
Coordinator of Intercultural Immersion	Shanti B. Freitas
Interim Lead of International Education	Colleen Marchwick
Executive Director of Advising, Retention and Career Center	Billy Felz
Associate Director of Career Services	Staci Heidtke

Executive Director, Blugold Central Student Services	Durwin Long
Director of Student Services	Nikki Andrews
Director of Blugold Central Operations	Kim O'Kelly
Director of Financial Aid	Kathy Sahlhoff
Bursar	Kim O'Kelly
Registrar	Tessa Perchinsky
Dean of the College of Arts and Sciences	David Leaman
Associate Dean	Margaret L. Cassidy
Administrative Officer - Enrollment Management and Student Academic Issues	Marc Goulet
Dean of the College of Business	Timothy S. Vaughn (Interim)
Associate Dean	Vacant
Dean of the College of Education and Human Sciences	Carmen Manning
Associate Dean	Jill Prushiek
Director of Upward Bound	Kimamo Wahome
Dean of the College of Nursing and Health Sciences	Linda Young
Associate Dean	Debra Jansen
Vice Chancellor for Student Affairs	Beth Hellwig
Director of Intercollegiate Athletics	Daniel Schumacher
Director of Children's Nature Academy	Lisa Coen
Director of Housing and Residence Life	Quincy Chapman
Director of Multicultural Affairs	Vacant
Director of University Centers	Charles F. Farrell
Director of University Recreation and Sports Facilities	Andy Jepsen (interim)
Student Affairs Executive Director of Diversity and Inclusion	Jodi Thesing-Ritter
Director of Blugold Beginnings	Jodi Thesing-Ritter
Director of Women's and LGBTQ Resource Center	Christopher Jorgenson
Civil Rights Pilgrimage Program	Jodi Thesing-Ritter
Dean of Students and Student Senate Operations	Joseph Abhold
Assistant Dean of Students	Jacqueline Bonneville
National Student Exchange	Jacqueline Bonneville
Veterans Center	Miranda Cross-Schindler
Coordinator for Center for the Awareness of Sexual Assault (CASA)	Amanda Leikness
Director of Counseling Services	Lynn Wilson
Director of Student Health Service	Laura G. Chellman
Executive Director, ASK Center	Kristen Hendrickson
Budget Director	Kristen Hendrickson
Controller	Jackie Kriesel
Director of Human Resources	David J. Miller
Internal Auditor	Valerie Wing
Director of Loss Prevention and Safety	John J. Baltes
Assistant Chancellor for Facilities and University Relations	Mike Rindo
Director of Facilities Management	Troy Terhark (interim)
Director of Facilities Planning	Vacant
Director of Integrated Marketing and Communications	Rebecca Dienger

Special Assistant to Chancellor and Executive Director of Marketing and Planning	Mary Jane Brukart
Director of Integrated Marketing and Communications	Rebecca Dienger
Director of Affirmative Action	Teresa E. O'Halloran
Director of University Police	David W. Sprick
President of UWEC Foundation and Executive Director of University Advancement	Kimera K. Way
Director of Corporate Relations	John Bachmeier
Coordinator of Alumni Engagement	Jane Larson

The Campus

Campus Information Services 715-836-2637

toll-free (888) 463-6893

Parking and Transportation Services: Parking and Transportation Services, in cooperation with students, faculty, and administrators, strives to find an equitable way to manage the parking spaces available to all members of the University Community. Therefore, parking policies and regulations at UW-Eau Claire are aimed at easing the parking crunch on campus and in the neighborhoods adjacent to the campus. These policies and regulations are part of an overall parking plan, which incorporates a multifaceted approach to managing the parking spaces available on campus. It includes a differentiated pricing system for parking permits, penalties for violations, and a free city-wide transit service. Detailed and current parking information can be obtained from Parking and Transportation Services located within Blugold Central, 715-836-2002, or parking@uwec.edu.

Visitor Parking: Visitors to campus should stop at the Visitor Center to receive a guest parking permit and directions to various campus and city destinations. Located at the corner of Park and Roosevelt Avenues on lower campus, the Visitor Center also offers reserved parking with 24-hour advance notice. For reservations and detailed information, call the Visitor Center at 715-836-2544.

Visiting the Campus: Conducted tours may be arranged through the Office of Admissions at 715-836-5415. Visitors may obtain a brochure describing the campus and its facilities from the Service Center, in the east lobby of Davies Center, or from the Visitor Center.

Administrative Offices

Chancellor, Provost and Vice Schofield Hall

Chancellor, Vice Chancellors, Assistant Chancellors

Admissions Schofield Hall 112

College Offices

College of Arts and Sciences Schofield Hall 138

College of Business Schneider Hall 110

College of Education and Human Sciences Centennial Hall 3015

College of Nursing and Health Sciences Nursing 103

Department Offices

The office addresses of department chairs are listed in the departmental sections of the catalog.

Auditoriums, Theatres, etc.

Casey Observatory	L. E. Phillips Science Hall
Clark Bird Museum	L. E. Phillips Science Hall
Dakota Ballroom	W.R. Davies Student Center
Foster Gallery	Haas Fine Arts Center
Gantner Concert Hall	Haas Fine Arts Center
Kjer Theatre	Garfield and Park Avenues
Ojibwe Ballroom	W.R. Davies Student Center
Phillips Planetarium	L.E. Phillips Science Hall
Phillips Recital Hall	Haas Fine Arts Center
Riverside Theatre	Haas Fine Arts Center
Schofield Auditorium	Schofield Hall
Woodland Theater	W.R. Davies Student Center
Zorn Arena	Garfield Avenue

Academic Buildings

Schofield Hall (1916), Garfield Avenue. Named for Harvey Schofield, first president of the Eau Claire State Normal School.

Kjer Theatre (1952), Garfield and Park Avenues. Named for Earl S. Kjer, chair of the speech department and director of theatre, 1953-1965.

Brewer Hall (1952), Garfield Avenue. Named for Charles J. Brewer, director of teacher education, 1916-1938.

L. E. Phillips Science Hall (1964; addition, 1969; a major renovation, 2002), lower campus, spanning Little Niagara Creek. Named for the Eau Claire industrialist whose major gift made possible the acquisition of special equipment.

Schneider Hall (1967), Park and Roosevelt Avenues. Named for John S. Schneider, professor of sociology and history, 1930-1961.

Nursing (1969; addition, 1985), lower campus at edge of Putnam Park.

McIntyre Library (1960; addition, 1972; addition, 1993), Garfield Avenue. Named for William D. McIntyre, an Eau Claire businessman who served on the Board of Regents of State Colleges, 1945-1966.

McPhee Strength and Performance Center (1969; Ade Olson Addition, 1987), upper campus. Named for Eugene R. McPhee, an alumnus, former faculty member, and executive director of the Wisconsin State University System, 1945-1972. Addition named for an alumnus, coach, and chair of the department of physical education, 1947-1975.

Haas Fine Arts Center (1970), Water Street, with footbridge spanning the Chippewa River to the main lower campus. Named for former chancellor Leonard Haas (1959-1980) and his wife, Dorellen.

Hibbard Hall (1974), Garfield and Park Avenues. Named for Richard E. Hibbard, the Political Science faculty member and vice president for academic affairs (1964-1971), who served as interim president and interim chancellor, 1971-1972.

Human Sciences and Services (1982), Water Street, north campus overlooking the Chippewa River.

Centennial Hall (2014), Park Avenue. Named to honor UW-Eau Claire's Centennial in 2016.

Residence Halls

Katharine Thomas Hall (1955), lower campus. 73 men and 71 women. Named for a member of the first faculty (Teacher Education, 1916-1946).

Katherine Putnam Hall (1958), lower campus. 94 men and 140 women. Named for the granddaughter of the Eau Claire lumberman who established Putnam Park.

Emmet Horan Hall (1961), upper campus. 206 men. Named for the businessman who was the first Eau Claire appointee to the Board of Regents of State Normal Schools.

Governors Hall (1962), upper campus. 134 men and 208 women.

Laura E. Sutherland Hall (1965), upper campus. 144 men and 260 women. Named for a faculty member (History, 1921-1959; dean of women, 1939-1947).

Benjamin W. Bridgman Hall (1965), upper campus. 116 men and 126 women. Named for a member of the first faculty (Physics, 1916-1941).

Arthur L. Murray Hall (1966), upper campus. 146 men and 164 women. Named for a faculty member (English, 1918-1943).

Towers Residence Hall (1967), upper campus. 435 men and 897 women.

Oak Ridge Hall (1969), upper campus. 64 men and 282 women.

Chancellors Hall (2000), upper campus. 81 apartments for 324 students. Named in honor of past, present, and future chancellors.

University Centers

W.R. Davies Student Center (2012), lower campus. Named for the second president (1941-1959) of the Eau Claire State Teachers College. The W.R. Davies Student Center is the center for social and cultural interaction on the lower campus. Offering a number of meeting and program spaces, dining facilities and service areas, Davies Center is the administrative core of the University Centers. It is also home to the Student Senate, the primary vehicle for student involvement in university governance, The University Book Store, Blugold Dining/Catering Services, US Bank, Blugold Card Services, Event Services and Activities, Involvement & Leadership.

Crest Wellness Center (1965), upper campus. Student Health Service, Crest Fitness Center, University Police, Eagles View Challenge Ropes Course.

Hilltop Center (1968), upper campus. Offering a number of dining facilities including the main cafeteria The Riverview Café, program spaces and service areas. Hilltop Center is the administrative core of Recreation and Sport Facilities. It is equipped with a bowling and billiards center, The Lookout – event space, lounge space, and Environmental Adventure Center that offers indoor archery as well as outdoor adventure equipment rental.

Schofield Auditorium (1916; Renovation 2009), Schofield Hall, lower campus. Renovated in 2009 through a collaborative effort of Student Senate, University Centers, the Chancellors Office and University of Wisconsin – Eau Claire Foundation. Managed by University Centers - Schofield auditorium is the largest fixed seat venue on campus. Its state of the art Lighting, Sound, Video and seating plays host to hundreds of large events every year.

Zorn Arena (1951), lower campus on Garfield Avenue. Named in honor of Willis L. Zorn, dean of men, director of athletics and head basketball coach. Bill Zorn began his distinguished 40-year career at Eau Claire in 1928. Elected to the NAIA Hall of Fame in 1958, Zorn promoted "athletics for all" through the Men's Athletic Association. The physical education teaching facility was completed in 1951 and first used in 1952. Originally known as the Fieldhouse, the building

was renamed the University Arena in January 1969, and named for Zorn after his death in 1987. Managed by University Centers Zorn Arena is the largest multipurpose facility on campus. It is also the home for men's and women's intercollegiate basketball. Many of the university's artists and lecturers make their presentations in Zorn Arena, which can seat up to 3,400 people.

Sites and Collections Supporting Instruction and Research

On Campus:

The John L. Buchholz Jazz Library, is a rare and extensive collection of jazz charts and recordings donated in 2012 to the UW-Eau Claire Foundation in honor of John L. Buchholz, professor emeritus of English. The longtime jazz musician was among the founding members of the UW-Eau Claire Jazz Ensemble in 1962 and performed throughout the region. This one-of-a-kind collection of more than 1,000 charts and 900 recordings includes Count Basie, Sammy Nestico, Bill Holman, Tommy Dorsey, Benny Goodman and many more legends of jazz. It also is located in Archives and Special Collections.

In 2014, the UW-Eau Claire Foundation acquired the **Frederick G. and Joan Christopherson Schmidt Robert Frost Collection**, a rare assemblage of works by the 20th century American poet. The Collection, which is housed in Special Collections and Archives in McIntyre Library, contains approximately 44 books authored by Frost, including several that have been signed and inscribed by the poet, dozens of books about Frost, and manuscript materials containing hand-written poetry, Christmas cards and pamphlets.

The **James Newman Clark Bird Museum**, circular in shape, surrounds the Planetarium in Phillips Hall. The collection of approximately 530 specimens and four dioramas depicting native birds in their natural habitats is used by students in biology. The museum is open to the public from 8:00 a.m. to 4:30 p.m., Monday through Friday, and at other times by appointment. For more information contact Ms. Lynn Young Janik, Department of Biology.

The **L. E. Phillips Planetarium**, located in the J.N. Clark Museum (Phillips Hall), contains a Spitz model A-3-P planetarium with a seating capacity of 50. The planetarium is used by classes in the Department of Physics and Astronomy. Programs for local school groups and the public are scheduled during the year.

Putnam Park, 200 acres of natural vegetation in the midst of the campus, provides an area for the study of flora and fauna within easy walking distance of classrooms, as well as a place for relaxation and hiking. The park is traversed by Putnam Drive and by a nature trail, for which printed guides are available in the Campus Information Services of Davies Center. For more information contact Dr. Joseph Rohrer, Department of Biology.

The **S. W. Casey Observatory**, located atop Phillips Hall, contains a computer-controlled, seven-inch Maksutov-Cassegrain telescope with a charge-coupled-device (CCD) camera. The observatory is adjacent to an observing deck with 11 stations for student use in astronomy laboratory classes. These stations use eight-inch telescopes.

Off-Campus-Wisconsin:

The **Hobbs Observatory**, located 15 miles east of the campus at the Beaver Creek Reserve, contains a 24-inch computer-controlled telescope, a 14-inch Schmidt-Cassegrain telescope, a CCD camera, and a classroom. This observatory is open to the public on Saturday nights, when clear, during the months of May through October.

The James and Joan Leary Family Environmental Education Center consists of 168 acres located in a popular four-season recreational area at the confluence of the Flambeau and Chippewa rivers. The land is surrounded

by Chippewa County forest land. The Leary Family Environmental Education Center will become an integral part of the university's Watershed Institute for Collaborative Environmental Studies. Information about the Leary Environmental Education Center is available from Dr. James Boulter, director of the Watershed Institute.

Nature Conservancy Tracts, owned by the University of Wisconsin-Eau Claire Foundation, include 320 acres of forest and marshland which are available for scientific investigations and class use. One of these, the Schmidt Tract, is approximately 30 miles east of Eau Claire, in Clark County, and two are in Washburn County, near Sarona and Spooner. More specific information concerning location and use of this land can be obtained from Dr. Paula Kleintjes Neff, Department of Biology.

The Priory, formerly known at St. Bede's Monastery, was purchased in 2011 by Blugold Real Estate, LLC, a subsidiary of the UW-Eau Claire Foundation as an ideal facility for expanding UW-Eau Claire academic programming. The property includes 112 mostly wooded acres in the town of Washington and three building complexes totaling approximately 80,000 square feet. It is located three miles south of the UW-Eau Claire campus. The former Children's Center at UW-Eau Claire, now named the Children's Nature Academy, opened in June 2012 as The Priory's anchor tenant.

UW-Eau Claire students are the primary users of the academy's services, which include the infant and toddler care program. In addition to students who use the academy's child care services, hundreds of university students either work, volunteer or engage in observation activities at the academy annually.

Beginning in Fall of 2014, the Priory has renovated and modernized residence hall rooms housing 22 students; in the fall of 2015, the renovations will expand student housing to 54 single occupancy rooms that have all been remodeled.

Off-Campus-Mississippi:

The **Gulf Coast Research Laboratory (GCRL)**, Ocean Springs, Mississippi, is an out-of-state institution affiliated with the University of Wisconsin-Eau Claire. The GCRL offers two summer terms, and provides an opportunity for students to obtain instruction in a marine environment. For more specific information contact Dr. David Lonzarich, Department of Biology.

Academic Building Abbreviations

B	CJ. Brewer Hall
CEN	Centennial Hall
CS	Campus School
CWC	Crest Wellness Center
DC	Davies Center
HFA	Haas Fine Arts Center
HHH	Richard E. Hibbard Humanities Hall
HSS	Human Sciences and Services
L	Wm. D. McIntyre Library
MPE	Eugene R. McPhee Physical Education Center
NUR	Nursing
OL	Old Library
P	L.E. Phillips Science Hall
S	Schofield Hall
SSS	Schneider Social Science Hall
TH	Towers Hall

Accreditation and Memberships

The University of Wisconsin-Eau Claire is accredited by the Higher Learning Commission of the North Central Association of Colleges and Schools. Address:

230 South LaSalle Street
Suite 7-500
Chicago, Illinois 60604
Telephone: (800) 621-7440

Specific programs or individual units of the University are accredited or approved by the following agencies, as explained in appropriate sections of the catalog:

- AACSB International—the Association to Advance Collegiate Schools of Business
- Accrediting Council on Education in Journalism and Mass Communication
- American Chemical Society
- American-Speech-Language-Hearing Association
- Commission on Accreditation of Athletic Training Education
- Commission on Collegiate Nursing Education
- Council on Social Work Education
- National Association of Boards of Examiners of Long Term Care Administrators
- National Association of School Psychologists
- National Association of Schools of Music
- National Environmental Health Association
- Wisconsin Department of Health and Social Services
- Wisconsin Department of Public Instruction
- Wisconsin State Board of Nursing

The University is a member of the American Association of Colleges of Nursing, the American Association of Colleges for Teacher Education, the American Association of State Colleges and Universities, the American Association of University Women, the American Council on Education, the Association of American Colleges and Universities, the Council of Graduate Schools, the Council for Opportunities in Education, the Council on Undergraduate Research, the Wisconsin Campus Compact, and the Wisconsin Institute for Peace and Conflict Studies.

Continuing Education and Extension The “Wisconsin Idea”

The “Wisconsin Idea,” a concept named after the state that pioneered its development, holds that the function of a university is not only to educate full-time students on its home campus, but also to extend educational opportunities and services to all citizens of the state. The Wisconsin Idea is incorporated into the general mission of the University of Wisconsin System and into the particular missions of the various institutions.

The University of Wisconsin-Eau Claire has long supported the Wisconsin Idea and the related idea of education as a process continuing throughout the lifetime of an individual. The University welcomes contemporary learners who wish to attend credit and non-credit courses for personal or professional reasons.

Further information may be obtained from the Office of Continuing Education (<http://www.uwec.edu/CE>).

University of Wisconsin-Extension

To increase the availability of educational opportunities both on and off campus, the University of Wisconsin-Eau Claire and University of Wisconsin-

Extension cooperate in providing noncredit continuing education programs and credit courses designed for contemporary learners. Information about current offerings may be obtained from the Office of Continuing Education (<http://www.uwec.edu/ce>) at 715-836-3636, or toll-free (866) 893-2423.

Continuing Education – Connecting Campus and Community

Continuing Education addresses the needs of contemporary learners through credit and noncredit courses designed for students of all ages.

Noncredit courses and other services include:

- professional development programs for educators, health care, human services and business professionals.
- counseling, information, and entrepreneurial training through the Small Business Development Center.
- youth development programs that introduce, enrich, enhance, and develop skills and knowledge in a variety of areas.
- partnerships with school districts and CESAs that provide educational opportunities for area educators and youth.
- personal enrichment for the community.

ABOUT THE CATALOG

Educational Rights and Privacy Act is available in the Your Right to Know (<http://www.uwec.edu/DOS/policies/yrtk>) publication.

A Bulletin of the University of Wisconsin-Eau Claire Volume 100

The Undergraduate Catalog is available on the UW-Eau Claire Web website (<http://www.uwec.edu>) and is supplemented by the following official publications of the University.

The **class schedule** (<http://www.uwec.edu/Registrar/schedules>), course catalog, and information about fees, is available prior to the opening of each term on the Registrar's website and CampS.

The **Your Right to Know** publication, from the Student Affairs and Dean of Students Office publication contains additional information about campus life, activities, services, policies and regulations, safety, student rights, and the various offices through which they are administered.

The **Graduate Catalog** contains information about graduate programs including admission and degree requirements.

The provisions of this catalog do not constitute a contract between a student at UW-Eau Claire and the University. The sole purpose of the catalog is to provide regulations, course listings, degree programs, and fee schedules which are in effect at the time of publication. UW-Eau Claire reserves the right to change the regulations in this catalog at any time during the period for which it is in effect and to add, modify, or withdraw courses at any time. UW-Eau Claire, with the concurrence of the System Administration and the Board of Regents of the University of Wisconsin System, also reserves the right to change fees and to add, modify, or withdraw degree programs at any time. Effective dates of changes will be determined by the proper University authorities and published through Class Schedules or other official publications of the University.

The University further reserves the right to ask the student to withdraw for cause at any time.

The University of Wisconsin-Eau Claire is committed to a policy of providing equal educational and employment opportunity for all persons in accordance with Board of Regents Policy and applicable law. Discrimination or harassment based on any protected category that has the purpose and effect of adversely affecting any aspect or condition of a person's education, employment, housing, or participation in a university activity or program is prohibited.

As a part of its continuing commitment to eliminate discrimination and harassment, the university has established procedures for providing prompt and fair resolution of complaints. All complaints, questions, or requests for information should be referred to the Affirmative Action Office (<http://www.uwec.edu/affirm>), Schofield 217, 715-836-2387, affirm01@uwec.edu.

The University of Wisconsin-Eau Claire makes available to the public, upon request, all consumer information required by Office of Education Rules and Regulations 178.1 through 178.8. Consumer information about the University includes, but is not necessarily limited to, the following: academic programs, educational costs, financial aid, academic progress requirements, student retention rates, career development, and employment data. Inquiries regarding this information may be made to the Student Affairs and Dean of Students Office, Schofield 240.

The University ensures students access to their official University records and maintains the confidentiality of personally identifiable information in accord with federal law. A Notice of Student Rights Under the Family

ACADEMIC CALENDAR

Fall Semester 2016

August

22 Monday First day of faculty contractual period

31 Wednesday Advising and Registration

September

1 Thursday Advising and Registration

2 Friday Advising and Registration

5 Monday Labor Day Holiday-University closed

6 Tuesday Classes Begin

November

23 Wednesday Thanksgiving recess begins at 5:00 p.m.

24 Thursday Thanksgiving Day Holiday-University closed

25 Friday No classes-University open

28 Monday Classes resume

December

14 Wednesday Last day of classes

16 Friday through 22 Thursday Final examinations week

17 Saturday Commencement

26 Monday Holiday Break-University closed

Winterim 2017

January

3 Tuesday Classes begin

16 Monday Martin Luther King Jr. Holiday-University closed

20 Friday Last day of classes

Spring Semester 2017

January

19 Thursday through 20 Friday Advising and Registration

23 Monday Classes begin

March

20 Monday through 24 Friday Spring Break

27 Monday Classes resume

May

12 Friday Last day of classes

15 Monday through 19 Friday Final examinations week

20 Saturday Commencement

21 Sunday Last day of faculty contractual period

29 Monday Memorial Day Holiday-University closed

Three-Week Summer Session 2017

May

22 Monday Classes begin

29 Monday Memorial Day Holiday-University closed

June

9 Friday Last day of classes

Eight-Week Summer Session 2017

June

12 Monday Classes begin

July

4 Tuesday Independence Day Holiday-University closed

5 Wednesday Classes resume

August

4 Friday Last day of classes

Additional calendar (<http://www.uwec.edu/Registrar/calendar>) information with dates and deadlines can be found on the Registrar's website.

UNDERGRADUATE CATALOG

Undergraduate Overview

Academic Goals

The University seeks to foster the intellectual, personal, cultural, and social development of each student. It strives to provide distinguished instruction in a democratic atmosphere, bringing individual students into close contact with faculty whose scholarly attainments and concern for teaching are able to instill a love of learning.

The baccalaureate degree at UW-Eau Claire provides students with the knowledge and abilities needed for lifelong learning. In designing the degree, the faculty expects that graduates will have achieved the following goals:

- **Knowledge Goal:** Build knowledge and awareness of diverse peoples and cultures and of the natural and physical world through the study of arts, histories, humanities, languages, mathematics, sciences and technologies, and social sciences.
- **Skills Goal:** Develop intellectual and practical skills, including, for example, inquiry and analysis, critical and creative thinking, written and oral communication, quantitative literacy, information literacy, and teamwork and problem solving.
- **Responsibility Goal:** Apply personal and social responsibility for active citizenship and develop skills needed to thrive in a pluralistic and globally interdependent world.
- **Integration Goal:** Integrate learning across courses and disciplines, and between campus and community life.

The Liberal Education Core, which forms part of all baccalaureate degree curricula, contributes to the breadth of each student's education through its emphasis on the cultural heritage of a free and responsible citizenry and on the development of creative imagination, critical judgment, and skill in the interchange of ideas. Students are afforded opportunities to collaborate with faculty on research and other scholarly and creative projects. UW-Eau Claire is recognized as a Center of Excellence for Faculty and Undergraduate Student Research Collaboration.

Upon this foundation the University builds its programs in liberal arts and sciences and in professionally-oriented fields. In keeping with the goals of the baccalaureate degree, each program is designed to impart the specialized knowledge and competencies appropriate to the particular degree, while providing also for a broad overview of the entire area and an appreciation of its relationship to other fields of learning.

University Assessment

To assure that UW-Eau Claire's programs are strong and that students in them are attaining appropriate levels of knowledge, skills, beliefs and attitudes, the faculty and staff at UW-Eau Claire have developed an ongoing process to assess the learning and academic achievement of students in academic and co-curricular programs. This process allows faculty and staff to carefully articulate program outcomes and to focus classroom and co-curricular experiences and assignments on preparing students to achieve those outcomes. An assessment plan is developed to measure progress toward the student learning outcomes, data are collected, and annual reports are developed and discussed by department faculty, chairs, and deans. Action plans are then designed to drive program improvement.

Students, alumni, and employers may be asked to participate in a wide range of assessment activities designed to provide useful information about the effectiveness of academic and co-curricular programs. From time to time during their courses of study, students may be asked to demonstrate the breadth and depth of their knowledge, skills, beliefs and attitudes in the areas related to the outcomes of their degree programs. All of our assessment efforts combine to improve student learning and program quality and form the basis of our culture of continuous improvement in support of UW-Eau Claire's commitment to excellence.

The School Year

Each regular academic semester (Fall and Spring) consists of approximately 17 weeks, including days reserved for registration and final examinations.

The Summer Session is offered in two periods. Students may enroll for courses during a three-week period in late May and early June, during which three credits may be taken. Offerings include regular courses adapted to an intensive presentation as well as specially designed courses and study trips. An eight-week period is scheduled in June, July, and August. Although many courses run for the full eight weeks, others are scheduled in shorter blocks of time (two, four, or six weeks) for the convenience of summer students. Offerings include regular courses and special workshops or institutes at undergraduate and graduate levels.

The Winterim Session is offered during a three-week period between the fall and spring semesters. Offerings primarily include regular courses and may include travel seminars and field experiences.

With the exception of certain professional programs, curricula for baccalaureate degrees are designed to be completed by full-time students in eight regular semesters. Many students attend summer sessions in order to graduate earlier or take advantage of special offerings. Others, especially teachers in the area, find in the Summer Session an opportunity to strengthen professional competencies and to work toward graduate degrees.

The Calendar (<http://www.uwec.edu/Registrar/calendar>) in this catalog is supplemented by more detailed calendars including official academic deadlines, registration dates, etc., which are available on the Registrar's webpage.

Admission

All persons who wish to pursue a degree program at the University must file the following documentation with the Admissions Office, Schofield 111: an application for admission and any specific application fee, an official high school transcript, test scores (when applicable), and official transcript(s) of all previous post-secondary work attempted or completed. Priority dates for applications are established each year. Contact the Admissions Office for information at admissions@uwec.edu or 715-836-5415.

Preparation for University Study

A successful University experience depends upon the student's high school preparation. The course work chosen should include at least the maximum number of subjects selected from English, both composition and literature; mathematics, with algebra, geometry, plus an additional college preparatory course; natural science; history, and other social studies. Students are strongly encouraged to take a mathematics class and two years of a single foreign language in the senior year.

Some high school courses may not satisfy University admission requirements for college preparatory academic course work. For information on applicability

of high school courses to admissions requirements, contact the Admissions Office.

Admission of Freshmen

Freshman admission is competitive and selective. Academic preparation and success are the primary considerations for admission, although non-academic factors are also considered. Each application for admission is given a comprehensive review. Freshman applicants are considered using the following guidelines:

1. Applicants must present evidence of graduation from a recognized high school or equivalent certificate.
 - a. A recognized high school is one which either
 - i is operated by public school districts, or
 - ii is a private school accredited by an association that is certified by the U.S. Department of Education to accredit private schools, and those whose names appear in the Federal Register as an approved accreditation association, or
 - iii is a private school not accredited under (2) but may be "recognized" by an institution in the System based on the performance of previously admitted graduates from the high school.
 - b. An applicant who has not graduated from a recognized high school must provide evidence of ability to begin college work. Such evidence may include General Education Development (GED) test scores or High School Equivalency Diploma (HSED) test scores, transcripts of course work completed in high school, high school rank-in-class before leaving high school, written recommendations, ACT/SAT test scores, and other evidence deemed appropriate by the University.
2. Applicants should complete a rigorous college preparatory curriculum. Applicants who take courses beyond the minimum will be considered strong candidates for admission. Applicants must complete a minimum of 17 high school units (one unit equals one year of study)² distributed as follows:

English (at least three composition and literature)	4
Mathematics (algebra, geometry, advanced college preparatory math) ¹	3
Natural Science	3
Social Science (one must be world or American history)	3
Additional course work in any of the above areas as well as foreign language, art, music, speech, computer science, or other academic areas.	4
Total Credits	17

- ¹ In almost all high school curricula, algebra II or higher/advanced algebra is the third college preparatory mathematics course required.
 - ² Students who begin taking high school course work prior to high school (e.g. mathematics, foreign language) must still present a total of 15 academic credits (English, mathematics, natural science, social science, and foreign language) in grades 9-12.
3. In addition to a rigorous high school curriculum, academic factors include high school class rank, high school GPA, trends in grades, course rigor, and test scores. Secondary non-academic factors may include, but are not necessarily limited to, leadership; community service; achievement in the arts, athletics, or other areas; and diversity in personal background and experience. Official test scores from The American College Testing Program (ACT) or Scholastic Aptitude Test (SAT) must be on file for all new freshmen under the age of 22. ACT is the preferred test. Students will not

be disadvantaged in the admission process by taking one test rather than the other.

4. Students may be considered for conditional admission during the spring semester only. Students successfully meeting University requirements at the end of the conditional period will be continued for the following semester as a student in good standing. To be considered for conditional admission, students must have been out of high school for at least two years or a minimum of two years past their expected date of high school graduation.
5. Particular consideration in admission will be given to applicants who have been out of school for two or more years; service veterans, as defined by state and federal policies; and students who have been challenged by a lack of educational opportunities.
6. Requirements for out-of-state students will be the same as those of resident students, except that special requirements may be adopted for international applicants. If the number of qualified out-of-state students exceeds the ability of UW-Eau Claire to accommodate them, the University shall determine the criteria for selection from among qualified applicants.
7. Final admission requires that students maintain their high school academic standing and successfully complete course work in progress as outlined on the application. The final (eighth semester) official transcript provided by the high school provides the required certification that the applicant has fulfilled this obligation. It is the student's responsibility to ensure that the proper supporting documents have been delivered to the Admissions Office.

Competency-Based Admissions

High school students from schools that use a competency-based evaluation system may be considered for admission. High schools that use an alternative system such as this must complete the UW System Competency-Based Admission Profile. Contact the Admissions Office for additional information on the process and procedure.

Admission of Home-Schooled Students

Home-schooled students seeking admission as freshmen must have excelled academically in high school course work. They must have completed the minimum array of 17 units of rigorous college preparatory course work. Academic preparation and success are the primary considerations for admission, although non-academic factors are also considered. Each application for admission is given a comprehensive review.

Transfer Applicants

Transfer applicants will be considered for admission if their previous academic record qualifies them as students in acceptable standing when equated to the UW-Eau Claire standards in the Academic Standing and Progress policy. Transfer students are encouraged to apply for admission as early as possible prior to the semester in which they plan to enroll. Priority application dates, after which admission of qualified student cannot be guaranteed, may be established each year. Information about specific dates can be found on the UW-Eau Claire transfer admission website.

In addition to a rigorous college-level course curriculum, academic factors considered include cumulative GPA and trend in grades. Students with fewer than two semesters of college-level coursework (24 or more transferable credits) will be considered for admission based on both their college and high school records. Academic preparation and success are the primary considerations for admission, although non-academic factors are also considered. Higher academic expectations or earlier priority dates may be

determined for specific majors to keep enrollments in line with program capacities.

Final deadlines to accept applications and supporting documents will be determined by the Admissions Office each semester and published on the UW-Eau Claire transfer admission website. It is the student's responsibility to ensure that the proper supporting documents have been delivered to the Admissions Office.

Students who have registered at other colleges and universities may not disregard their records at those institutions. Failure to list previous college attendance on the application for admission is sufficient cause for cancellation of the student's admission, of any credits earned, or both.

Transfer students who do not meet institutional admission criteria and are denied admission may appeal in writing to the Associate Director of Admissions.

Transfer of Credits

Credits earned at an institution accredited by a regional or national accrediting organization recognized by the Council for Higher Education Accreditation (CHEA) may be considered for transfer and applied toward a degree if they are similar in content and rigor to the curriculum at UW-Eau Claire. The Admissions Office will prepare a transfer credit evaluation for admitted students. Appeal of the evaluation may be made to the Associate Director of Admissions, the Chair of the academic department, the Dean of that College, and if necessary, to the Provost/Vice Chancellor. Students seeking a second baccalaureate degree or additional certifications are not given a transfer credit evaluation for their first degree; they receive specific advising from their academic department.

Associate of Arts and Sciences degrees from the University of Wisconsin System institutions (including the University of Wisconsin Colleges that meet the 1987 Board of Regents approved minimum requirements) satisfy the breadth of the UW-Eau Claire Liberal Education Core. Liberal Arts Associate of Arts and Science degrees from the Wisconsin Technical College System (earned in 2004 or thereafter) and Associate in Arts degrees from the Minnesota Colleges and Universities system (earned in 1994 or thereafter) satisfy much of the breadth of the UW-Eau Claire Liberal Education Core. Contact the Admissions Office for specific information. Competency requirements, levels of proficiency, and specific courses are still required. Because individual baccalaureate degree programs stipulate specific courses, students should be attentive to the requirements of an intended major in planning their course selection prior to transferring. In certain fields, credits that were earned more than ten years prior to admission or readmission may be invalid as degree credits.

Students who transfer from the University of Wisconsin Colleges, the Wisconsin Technical College System, or other accredited two-year institutions may transfer a maximum of 72 credits from those institutions.

Credit may be granted for post-secondary coursework at a foreign institution if the institution is recognized as a degree-granting institution by the country's Ministry of Education. Professional organizations such as the American Association of Collegiate Registrars and Admissions Officers (AACRAO) and NAFSA: Association of International Educators are utilized for information about best practices regarding evaluation of foreign credits and credentials.

Transfer of WTCS Applied Associate Degree Credits

UW-Eau Claire may transfer and apply coursework in general studies from the Wisconsin Technical College System within areas of communications, behavioral sciences, social sciences, mathematics, and natural sciences from programs leading to an applied associate degree. Credits that are occupational and technical in nature may be considered for transfer on a case-by-case basis.

To be considered for transfer, credit must have been earned after September 1989.

Reentry

All students who have been away from the University for two consecutive full-term semesters or more must file a reentry application. Students seeking reentry are encouraged to submit an application as early as possible prior to the semester in which they wish to return. Reentry after the term starts is not guaranteed. Students returning after an absence of two or more consecutive full-term semesters must meet the degree requirements of the catalog in effect upon their return, or a subsequent catalog.

Admission as a Special Student

Persons who have graduated from a recognized high school, or have the educational equivalent, but who are not interested in seeking a degree, may attend the University as special students. Students interested in taking classes as a special student should apply online at apply.wisconsin.edu (<http://apply.wisconsin.edu>). Questions can be directed to Records and Registration.

Special students may enroll for a maximum of twelve credits per semester, and must meet the academic standards of the University (see Academic Standing and Progress (p. 42)). Special students are not eligible for financial aid, but may be eligible for veterans benefits.

Auditing of Classes by Special Students

An auditor registers to attend a course and participate in class activities without earning credit (see Auditing Courses (p. 40)). Basic required textbooks for use in undergraduate courses are furnished from the Instructional Resource Rental Department of the University Bookstore.

In all University courses, students registering for credit must be given priority over auditors, but a wide variety of alternatives is available to the auditor each semester. There are no formal requirements concerning previous education. Audit enrollment is not permitted in some courses.

Board of Regents policy makes it possible for students to audit courses at reduced costs, as follows: Wisconsin residents under age 60 may audit classes by paying only 30 percent of the normal per credit academic fee, and nonresidents may audit by paying 50 percent of the nonresident academic fee. Residents of Wisconsin who are 60 years of age or older or who meet certain disability requirements may audit courses on a space available basis at no charge for tuition. In all cases any special course fees or materials are additional. Individuals may audit a maximum of twelve credits each semester. Students may take a combination of audit and credit coursework during the same semester as long as combination does not exceed the twelve credit maximum. Individuals meeting disability requirements should contact Services for Students with Disabilities for accommodations. (see Auditing Courses (p. 39))

Admission as a Youth Options/ Course Options/High School Special Student

If students are looking to enroll in college courses while still in high school, three options are available:

- **Youth Option Program:** available for a junior or senior in a public school district. Prior to being admitted as a Youth Options student, approval for the desired courses and cost must be approved by the student's school district. School districts cover the full cost of this option.

- **Course Option Program:** available for students in a public school district. Up to two approved courses (can be from different educational institutions) can be taken any time. School districts cover 50% of the cost, while the student/family is responsible for the remaining 50% of the cost.

- **High School Special Program:** available for juniors or seniors. The student/family is responsible for the cost of the courses.

Admissions criteria:

Typically must be a high school junior or senior in the top 25% of the class OR in the top 50% of their class with an ACT composite of 24 or greater (SAT equivalent). If the student doesn't meet the above criteria, he/she will need to apply as an Exception Enrollment Student. Usually a high school student who can provide substantial and convincing letters of recommendation and/or data demonstrating high ability in a specific area of University study. (Send the documentation with your PI-8700/PI-8900 form.) **For more information, contact the UW-Eau Claire Admission Office.**

Once admitted, Youth Options/Course Options/High School Special students will be contacted by the Office of Advising to set up a meeting with an adviser. Placement tests may be required before meeting with an adviser. Youth Options/Course Options/High School Special students are limited to twelve credits per semester and must meet the academic standards of the University (see Academic Standing and Progress (p. 42)). Youth Option/Course Options/High School Special students register during special student registration on a space available basis.

Admission of Veterans

A veteran who is not a high school graduate may be admitted on the basis of results required by the Admissions Office.

Veterans and certain eligible dependents may be entitled to educational benefits under various programs administered by the Veterans Administration (see Veteran Services Office). Veterans and eligible dependents may obtain these benefits while pursuing a course of study at UW-Eau Claire. Students enrolled under these programs must carry 12 hours of credit during each semester of the academic year to be eligible for full-time Federal VA allotments. Summer Session allotments are determined by class contact hours and total credits. Part-time and full-time study grants are available to eligible Wisconsin veterans.

Credit may be awarded for educational preparation acquired while in service:

1. Special Training Program: Veterans will be asked to submit official transcripts of their records (This is typically done by submitting an official copy of the "Joint Service Transcript"). In granting credit, the University considers recommendation of the American Council on Education. No credit will be granted if such credit would constitute repetition of credit already earned.
2. High school graduation equivalency will be granted to veterans who meet General Education Development (GED) Test standards as outlined by the American Council on Education, provided such tests have been completed by the date of formal registration.

Admission for Residents of U.S. Territories

American students from Territories of the United States are admitted on the same basis as other American students.

Admission of Nonresident Aliens

Nonresident aliens in the United States make application for admission in the same way as a U.S. citizen. Applicants must take a standardized examination

prior to admission. Nonresident aliens admitted to the University must complete the University Writing Requirement or International Studies course work determined to be appropriate. Students are required to provide copies of both sides of their resident alien card.

Admission for International Students

UW-Eau Claire welcomes applications from students from other countries. International students must complete an application for admission, provide evidence of English proficiency, confirm financial sponsorship, and submit academic records and examination results. Further information about the application process and required documents is available on the UW-Eau Claire international admissions website.

Application deadlines are June 1 for the fall semester and November 1 for the spring semester. After those dates, applications are considered on a case-by-case basis.

United States immigration regulations have very strict limits on employment for international students. International students must seek permission for any and all employment while in the United States. The Center for International Education can advise international students regarding employment. All international students are expected to live in University residence halls during their first year. Appeals to the housing requirement may be made to the Lead of the Center for International Education. All international students are required to enroll in the Student Health Insurance Plan.

Paying for College

Tuition and Fees

The fees and procedures described in this section are estimates. Prospective students should refer to the Class Schedule, which will contain links to up-to-date information about fees. Fee information can be found on the Business Office home page at: www.uwec.edu/busoff (<http://www.uwec.edu/busoff>).

The payment of fees entitles a student to a student identification (ID) card. This card entitles the student to attend most University activities and to make use of University facilities (see Your Right to Know handbook (<http://www.uwec.edu/DOS/policies/yrtk>) and Bugold Card Services (p. 32) section). Undergraduate students receive most of their required textbooks on a rental basis (see Textbook Rentals (p. 33)).

Tuition and Residency

A Wisconsin Statute requires the payment of nonresident tuition by students who are residents of states other than Wisconsin or who have not been bona fide residents of Wisconsin for one year (12 months) immediately preceding the beginning of the semester for which they are registering.

For undergraduate and graduate students, determination of resident status for tuition purposes is made by the Office of Admissions at the time of admission.

If the original residence status for tuition purposes is designated as nonresident, this status remains in effect unless the student requests and is granted reclassification. Such requests should be addressed to the Office of Admissions prior to the beginning of the semester in which reclassification is to take effect.

Minnesota-Wisconsin Tuition Reciprocity

The current reciprocity agreement between Minnesota and Wisconsin enables Minnesota residents to attend Wisconsin public institutions of higher education at rates approximating tuition prevailing in the Minnesota State

University System. Those wishing to take advantage of this tuition remission must apply well in advance of their initial enrollment at a Wisconsin System institution. Approval covers the full year (including Summer Session) and is automatically renewed each year for the campus initially approved. Information is available from the State of Minnesota Office of Higher Education Reciprocity Program, 1450 Energy Park Drive, Suite 350, St. Paul, MN 55108-5227. Phone: (651) 642-0567 or toll-free (800) 657-3866. Assistance in obtaining application forms is available at Minnesota high schools. Students may print an application or apply for reciprocity online at: www.ohe.state.mn.us (<http://www.ohe.state.mn.us>).

Miscellaneous Fees

Fees for certain special courses are listed under Course Fees on the Business Office (<http://www.uwec.edu/busoff>) website. A \$44 fee must accompany each application for admission to an undergraduate program. A \$56 fee must accompany each application for admission to a graduate program.

Fee Schedule

Important Note: Fee schedules were not determined at the time this catalog was printed. The amounts given here are estimates for full-time students, that is, undergraduates taking 12 to 18 credits or graduates taking nine credits. All estimates are for one semester. These amounts include segregated fees.

	Resident	Non-Resident
Undergraduate	\$4406	\$8193
Graduate	\$4456	\$9021
Room and Board	\$3493	\$3493

Undergraduates taking more than 18 credits are assessed an additional per credit fee. Please refer to the Business Office (<http://catalog.uwec.edu/undergraduate/paying-college/%20www.uwec.edu/busoff>) website for up-to-date fee information.

Excess Credits Surcharge

In accordance with Board of Regents policy, all resident undergraduate students who accumulate 165 credits (or 30 credits more than required by their degree programs, whichever is greater) will be charged a surcharge, equal to 100 percent of the regular resident tuition on credits beyond that level (total tuition will equal twice regular resident tuition). For information about credits required in a specific degree program or information concerning appealing the surcharge, contact the Registrar.

Partial Payment Plan

A down payment is required to enter the Partial Payment Plan and must be received by the University Cashier no later than the date published in the current Class Schedule for each term. In addition, all students must sign and return a Payment Plan Agreement/Email Authorization form each term. Installments will be due according to the published schedule and will be subject to a finance charge on the unpaid balance (see the Payment Information and Due Dates (<http://www.uwec.edu/Busoff/studentfinancials/PayInfo.htm>) website for due dates and finance charge rates). Failure to make installment payments on time will result in a hold on academic records and on registration for future terms.

Refund of Fees

Refunds may be made as the result of withdrawal from the University or a reduction in the number of enrolled credits. Students wishing to withdraw from **all their classes within the first two weeks** of the term should complete the Withdraw from Classes eform. Students withdrawing from all classes **after the first two weeks** of the term are required to meet with a Dean of Students staff member prior to withdrawing from classes. In determining the academic

withdrawal date, the University will use the date that the student notified the University of his or her intent to withdraw. The dates and corresponding amounts of refund can be found on the Refund Schedule / Financial Aid Repayment Notice (<http://www.uwec.edu/Busoff/studentfinancials/refundover.htm>) website. A credit balance of less than \$3.00 will not be refunded unless requested.

Refund of Room and Board Payments

Students who are granted permission to cancel their residence hall contract without withdrawing from the University will be refunded room and board charges on a prorated basis. The room deposit will be forfeited.

Students who are suspended by the University will be refunded room and board fees, including the room deposit, on a prorated basis. A credit balance of less than \$3.00 will not be refunded unless requested.

The above policies apply to all persons who reside in University housing.

Deposits

A registration deposit is required for new freshmen entering in the fall and spring. The deposit will be applied to fees when the student completes registration. The amount, date due, and refund policy are specified in the orientation brochure, which is sent to each new freshman prior to the Summer Orientation session.

A \$75 room deposit/advance payment is required for all students applying for housing. The deposit is in addition to the room fees and is intended to serve as a reservation deposit for the contract. The money is held in escrow and applied to second semester fees. If the student does not complete the contract for the full academic year, the deposit is forfeited. If the contract is for a new student, the deposit will be refunded if the Housing and Residence Life Office receives a written request from the student before May 1 of the preceding year. Returning students will have their advance deposits refunded if the Housing and Residence Life Office receives a written request from the student before May 1 of the preceding academic year. Those students who voluntarily cancel their contracts after these dates shall forfeit the deposit.

A \$75 room deposit is also required for room reservations for students entering at spring semester.

Financial Aid

The University of Wisconsin-Eau Claire offers financial assistance through scholarships, grants, loans, and student work experience. The majority of this assistance is awarded based on financial need. There are, however, resources available through scholarships, unsubsidized loans, and student employment for students who do not qualify for need-based aid.

Financial need is based on the student's educational expenses and the contribution that is calculated using the financial information provided on the Free Application for Federal Student Aid (FAFSA). For detailed information on financial aid, visit the UW-Eau Claire Financial Aid (<http://www.uwec.edu/finaid>) website.

How to Apply

Students must complete the Free Application for Federal Student Aid (FAFSA) (<https://fafsa.ed.gov>) each year in order to apply for all need-based programs as well as for the Direct Unsubsidized Ford Loan, the Parent Loan for Undergraduate Students, and the Graduate PLUS Loan. CampS (<https://my.uwec.edu>) is a resource for specific information about current financial aid status and financial aid disbursed on students' accounts.

Deadlines

To assure first consideration for funding, the FAFSA should be submitted by April 15. (Freshmen should apply by March 15 to receive financial aid information by May 1.) Late applications will be considered for aid based on funds available. Students who apply late or who do not turn in the required additional paperwork need to be prepared to pay their institutional charges by the due date if their financial aid is not available.

A separate financial aid application is required for Summer Session and is available through CampS (<https://my.uwec.edu>). A current FAFSA must be on file to apply for summer aid.

Enrollment Status

Students must be enrolled at least half-time to qualify for most types of aid, although undergraduate students who have very high need may qualify for a small Pell Grant at less than half-time status. Enrollment status for financial aid purposes is determined by the student's total credits at the end of the tenth day of classes. Financial aid is adjusted at that point, if necessary. Six credits is considered half-time for undergraduate students for the academic year and summer. For graduates, four credits is half-time during the academic year and three credits is half-time during summer.

Students participating in a full-time equivalent internship may be considered for aid as a full-time student even though actual enrolled credits are less than full-time. Costs of attendance for financial aid will be calculated on actual tuition costs.

Students admitted as Special Students are not eligible for financial aid.

Standards of Satisfactory Academic Progress for Financial Aid

Federal regulations require students to maintain satisfactory academic progress toward a degree in order to receive financial aid. The University of Wisconsin-Eau Claire is required to develop and apply a consistent and reasonable standard of satisfactory progress for all students receiving federal financial aid. These standards are applied to all periods of attendance, regardless of whether a student has received financial aid in the past. A complete copy of the University of Wisconsin-Eau Claire's Financial Aid Satisfactory Academic Progress policy is available at the Financial Aid website under "Policies." There are three standards or components of satisfactory progress:

- minimum GPA,
- minimum credits completed (Pace), and
- maximum time frame.

Standard for Grade Point Average

Students need to maintain a cumulative GPA of 2.00.

Standard for Minimum Credits Completed (Pace)

Students must successfully complete 67 percent of their enrolled credits. A grade of F, W, XF, U, or IN is not considered successfully completing the class.

Standard for Maximum Time Frame

Students must complete a degree within 150% of the published length of the degree program. Undergraduate students may receive financial aid for a maximum of 180 attempted credits when enrolled in degree programs which have a published minimum requirement for graduation of 120 credits. A degree program that requires more than 120 credits is an exception, and financial aid may be further extended. An additional 90 credits of financial aid eligibility

is allowed for undergraduate students seeking a second degree. Graduate students are allowed 54 credits.

Monitoring Procedures and Reestablishment Options

These standards are monitored once per year at the end of spring semester using Registrar's information. Future financial aid will be denied for students who fail to meet the standards of academic progress.

Students may reestablish their financial aid eligibility by earning an academic standing which meets the above criteria. Students may also file an appeal. Students with extenuating circumstances that prevented them from making satisfactory progress are encouraged to describe and document those circumstances in writing. Their appeal will be reviewed by the Financial Aid Appeals Committee to determine whether financial aid eligibility should be reinstated. Students will be notified of the appeal decision in writing.

Return of Financial Aid Funds When a Student Withdraws

When a student withdraws from the University during the semester, federal regulations require that the University determine whether a portion of the student's federal financial aid (other than work-study) must be returned. The amount of aid the student may keep when withdrawing is in direct proportion to the length of time the student remained enrolled during the semester. If the student was enrolled for 20 percent of the semester before withdrawing, 80 percent of the federal financial aid must be returned to the aid programs. If the student stays through 50 percent of the semester, 50 percent of the aid must be returned. Once the student completes at least 60 percent of the semester, the student may keep 100 percent of the aid received.

Consequently, if a student withdraws before completing at least 60 percent of the semester, the student may owe a repayment. The student will be billed for any balance owed to the University as a result of the University returning the financial aid funds, and the University will notify the student of the dollar amount owed.

Any financial aid that must be returned to the federal aid programs will be used first to reimburse loans received for the semester and then grant funds.

The specific repayment priority is:

1. Unsubsidized Ford Loan
2. Subsidized Ford Loan
3. Perkins Loan
4. Parent's Loan for Undergraduate Students
5. Pell Grant
6. Supplemental Educational Opportunity Grant
7. Other federal aid programs

For information about the refund calculations, contact Blugold Central.

For state funds, institutional funds, and outside resources:

Financial aid received from state, institutional, and outside resources is not part of the federal return of funds repayment calculation. If remaining funds are available from the institutional refund after the federal return of funds requirements are satisfied, the remaining refund will be distributed in the following priority order:

1. State aid programs
2. Institutional programs

3. Outside financial aid resources, if appropriate
4. Student

Credit Drop (but not withdrawal from the University)

If a student drops credits before financial aid has been disbursed, the aid must be adjusted, if necessary, to correctly reflect the current enrollment status before aid can be disbursed. Final aid eligibility is based on enrollment status on the 10th day of classes. If a student changes enrolled credits after aid is disbursed, resulting in a change in the student's eligibility, aid will be adjusted. This could result in a student having to repay some of the aid received for the term.

Funds for Purchasing a Computer

Students may be eligible for additional loan funds to cover the purchase or rental of a computer. Contact Blugold Central for details regarding this policy.

Additional Sources of Financial Assistance

Graduate Students: Graduate students are eligible for scholarships, assistantships, loans, and employment programs. Contact the Office of Admissions (attention: Graduate Admissions), UW-Eau Claire, Eau Claire, WI 54701, or call 715-836-4733 for application procedures for graduate student financial aid.

Veterans Administration Grants, G.I. Bill Benefits, National Guard Tuition Grants, Wisconsin Veterans Grant, Veterans' Work Study: A Veterans Counselor is available in Blugold Central for students seeking information or assistance with these programs.

Vocational Rehabilitation: Various financial programs are available to students who qualify. Further information is available from area Vocational Rehabilitation offices.

Scholarships

A combination of federal, state, university, and private scholarships are available to UW-Eau Claire students on the basis of academic excellence or special talent. Some scholarship programs also specify financial need as a requirement of eligibility. Award amounts and student eligibility requirements vary depending on the individual scholarship criteria.

UW-Eau Claire Foundation, Inc. Scholarships and Other Named Scholarships and Awards

UW-Eau Claire Foundation awards more than \$1.8 million in scholarships each year to UW-Eau Claire students. Detailed information on scholarships is available at: www.uwec.edu/finaid/scholarships/FDNscholarships.htm (<http://www.uwec.edu/finaid/scholarships/FDNscholarships.htm>).

Tuition Remission

Wisconsin Statutes provide for awarding a limited number of tuition remissions to students who are not residents of Wisconsin. These awards range in value and can be up to the difference between resident and nonresident tuition.

Remissions for Nonresident Students

Students who are not residents of Wisconsin are considered for tuition remission by submitting the FAFSA.

Remissions for International Students

Undergraduate international applicants are considered for an annual award ranging from \$1,000 to full non-resident remission. Awards are based on academic merit and financial need. Students apply after they are accepted. Continuing students must reapply annually.

Private Scholarships

Many private scholarships are sponsored by civic organizations, clubs, industries, and businesses. Students should contact their local high school counselors or principals for information about private scholarship programs available in the local community. The Financial Aid Office website features links to free scholarship search services, under "Scholarships." Visit this site at: www.uwec.edu/finaid/aid (<http://www.uwec.edu/finaid/aid>). A collection of private scholarship information is also available in the Financial Aid Office.

UW-Eau Claire Foundation Scholarships and Awards

Each year, the UW-Eau Claire Foundation provides over \$1.8 million in scholarships, grants, and awards to UW-Eau Claire students. Over nine hundred different awards are available, all provided through the generosity of alumni and friends of the university.

Information about the various scholarships, including amounts, award criteria, and application and awarding deadlines is available on the Financial Aid Office website, under "Scholarships." Each scholarship has different eligibility requirements, so check the information on each scholarship in which you are interested. Awards are listed by awarding department, eligibility category (major, program, plan, etc.), or you can search for a specific scholarship by name. Follow the application instructions for each award. For more information about a specific scholarship or the application procedure, contact the department responsible for the award as listed in the criteria on the website. For other scholarship related questions, contact the Financial Aid Office (<http://www.uwec.edu/finaid>) or Foundation Inc. (<http://www.uwec.edu/Foundation/what/scholarships>)

National Merit Scholarship

UW-Eau Claire is one of the few Wisconsin public universities to participate in the prestigious National Merit Scholarship Program. Finalists who specify UW-Eau Claire as their first choice Institution by the National Merit Corporation deadline will be eligible for this scholarship. Admissions applications of finalists will be reviewed for the selection process. There is no separate application to apply.

Grants

A grant is gift assistance and does not have to be repaid. Various grants are awarded to students who establish a high financial need as determined by federal and state guidelines. For more information, see the Grants (<http://www.uwec.edu/finaid/aid/grants.htm>) section under Types of Aid on the Financial Aid website.

Loans

Loans must be repaid and may be "subsidized" or "unsubsidized." Subsidized loans do not accrue interest until after the student is no longer enrolled. Unsubsidized loans accrue interest at the time the loan is disbursed. For more

information, see the Loans (<http://www.uwec.edu/finaid/aid/loans.htm>) section under Types of Aid on the Financial Aid website.

Ombudsman

The Department of Education has established an ombudsman to work with student borrowers to informally resolve any loan disputes or problems. If you have concerns about the terms of your loan that cannot be resolved by talking to your lender, you are encouraged to contact the Ombudsman Customer Service Line at (877) 557-2575.

Employment Opportunities

Employment opportunities are available through the University and in the local community. Available positions are posted on the Hire-a-Blugold job board. For more details about student employment opportunities, see the Student Employment (<http://www.uwec.edu/finaid/employment>) section of the Financial Aid website.

Student Resources

Students can leverage a wide scope of resources on campus to reach their full potential. The campus provides a variety of services and resources to guide students through their academic careers.

Library and Technology Resources

Classroom instruction at the University is supplemented by services provided to the entire academic community and by the specialized resources of individual departments, including a number of facilities and collections which are made available to the public.

William D. McIntyre Library

The **William D. McIntyre Library**, occupying a six-level structure in the center of the campus, is open 112 hours each week during fall and spring semesters. Its study facilities are designed to create an inviting atmosphere with lounge seating, individual carrels, student group study and faculty research study rooms. The library online system provides access to its collections of more than 435,000 bound volumes, 164,000 government publications, and over 300,000 units of microform materials. The online system also provides access to the collections of every library in the University of Wisconsin System. The library subscriptions and databases provide access to more than 67,000 full-text electronic journals. The library also lends laptops, still and video cameras, recorders and iPads. Special facilities and collections include the following:

Public access computers in the first floor learning commons and other locations throughout the library provide access to more than 230 electronic databases (also available from off-campus), the library's catalog, and virtually all university-supported software. Librarians, staff, and students provide research assistance to students, visitors, and faculty at the Information desk located on the first floor.

The *Government Publications Department* houses the U.S. and Wisconsin Document Collections. McIntyre Library serves the Eau Claire area as a regional depository for all official state publications and as a selective depository for federal information.

The *Instructional Media Center* houses collections of materials that support the University's education and other programs. In addition to print collections of elementary and secondary curriculum materials.

All circulating library materials are checked out at the main Circulation Desk which also houses the library's collection of print reserve materials that professors assign for their students to read. Most reserve materials are now available electronically.

The *Special Collections Department* unites five collections. The *Area Research Center (ARC)* is a regional depository of the Wisconsin Historical Society, containing historical manuscripts, public records, maps, and photos relating to Eau Claire and five surrounding counties. The ARC can borrow other archival materials from the Wisconsin Historical Society, State Archives, or the rest of the ARC Network. The *Rare Book Collection* contains 2,800 volumes which are rare, old, limited editions, autographed, or which contain exceptionally fine illustrations or print. Our collection of Robert Frost first editions and manuscripts is one of the finest in the Midwest. The *University Archives* documents the official and unofficial life of the University since 1916. The *Local History Collection* includes published materials, historic maps, and historic photographs of interest to historical researchers and genealogists. The *Thesis Collection* contains an archival copy of every UW-Eau Claire thesis.

The library is a member of the Council of the University of Wisconsin Libraries, the network developed to facilitate resource sharing among University of Wisconsin libraries, and OCLC, Inc., the world's largest library network providing location information on over 100 million books worldwide and interlibrary loan services so students can access the resources they need for their research. Copy machines or scanners for both microforms and print copy are located at appropriate service points. Other services and resources of the library are described on the Library's (<http://www.uwec.edu/library>) webpage.

Learning and Technology Services

Through collaboration with others, we continue to develop innovative solutions to enhance information technology, learning, and teaching. Whether we lend our support to technology, infrastructure, or people, we are committed to the goal of excellence in education at UW-Eau Claire. For more information, visit the LTS (<http://www.uwec.edu/lts>) website.

LTS Help Desk

In addition to providing effective and responsive resolution of information technology questions through telephone, email, and walk-in consultation, the LTS Help Desk is the front line of support regarding learning and technology services. Call the LTS Help Desk at 715-836-5711 (or any LTS staff member) for assistance with these services.

Primary service areas include the following:

Communications

- Maintain access to the voice and data communications network, including wireless
- Provide for the security and integrity of data
- Administer email
- Maintain information systems
- Administer voice communications, including Voice over Internet Protocol (VoIP)
- Design, maintain, and support University websites

Learning Spaces

- Repair and provide operational support for equipment
- Design, maintain and modernize classroom technology

- Manage and provide support for general access and curricular computing labs

Distance Learning

- Design and support distance learning technologies for the delivery of synchronous and asynchronous instruction
- Administer and support course management systems (Desire2Learn)
- Provide streaming media capability

Housing and Residence Life

- Support for the computing and networking infrastructure within residence halls

Media and Production

- Record audio and produce soundtracks
- Record and edit video
- Support the campus academic cable system
- Provide instructional and campus photographic needs
- Provide graphic arts support for academic endeavors
- Produce instructional materials

Technical Assistance and Training

- One-on-one technology training
- Group technology training by request
- Curriculum support
- Scheduled technology workshops
- Assist with poster development and printing

Computing Services

(Old Library 1106)

UW-Eau Claire continues to transition to the use of technologies which can put more control into users' hands, speed up processes for students, and increase the efficient use of resources.

MyBlugold CampS allows students web-based access to registration, schedules, course information, and other common links. Students can access grades, request degree audits, and change personal information such as their address and password. MyBlugold CampS also provides links to academic, career, computing, and other resources for students.

All students are automatically assigned an email account, username, ID#, and PIN (Personal Identification Number) upon enrolling in any credit course. If a student enrolls in consecutive terms, the email account will remain continuously in effect.

UW-Eau Claire uses email as a primary means of communication. It is a student's responsibility to activate the University email account since the University distributes grades, bills, and some financial aid information via email. Many instructors and advisers use email to contact students about class assignments and/or require students to correspond or participate via email in some way.

Some courses have web-based components which allow students to not only receive course information on the Web and/or use it for research, but also to communicate with the instructor or other class members, and to collaborate on group projects online. To feel comfortable using the system, an introduction is offered and the LTS Help Desk will provide support.

General Access and Residence Hall labs provide students with access to these campus computing resources as well as standard (e.g., Microsoft) and

curricular-specific software. Students may also check out a laptop computer at no charge at the circulation desk in the Library. Students are provided with 200 MB of personal file storage space (the H drive). DeptDir (the W drive) is a network space that professors and students can use to exchange files.

Blugold Insider, MyBlugold CampS, Webmail, and Desire2Learn are available on the university homepage (<http://www.uwec.edu>).

Academic Opportunities

Blugold Fellowship Program

The Blugold Fellowship program recruits high school students to come to UW-Eau Claire and perform research with a faculty member during their first and second years. The fellowship is awarded to incoming freshmen based on research interest and merit and includes a scholarship and work-stipend. The program places students with faculty mentors and allows them to perform research in order to expose them to scholarship early in their university careers. The program highlights the opportunities available at UW-Eau Claire, including those provided through the UW System Center of Excellence for Faculty and Undergraduate Student Research Collaboration. Visit the website at: www.uwec.edu/blugoldfellows.

Student Success Program

Student Success is a one year academic support program that provides small classes and a structural introduction to the university. Participants are admitted to the University of Wisconsin- Eau Claire through the Student Success Program because they demonstrate the potential to succeed and may need additional support as they transition to college. The program is a collaborative effort among individuals, departments, and units across campus. Visit website at: www.uwec.edu/asc (<http://www.uwec.edu/asc>).

Developmental Education Program

The Developmental Education Program, coordinated by the Academic Skills Center, provides courses designed to strengthen students' college level learning strategies and critical thinking skills. It also serves to familiarize students with a wide range of academic support services and increase academic self-confidence. These courses are designed to meet the needs of students who are entering college with concerns about their academic learning strategies and are available on a preassigned basis. Further information may be obtained from the Coordinator for Developmental Education. Visit the website at: <http://www.uwec.edu/asc/ourservices/gencourses.htm>.

Educational and Community Services

Academic Intervention Clinic

The Academic Intervention Clinic, a program sponsored by the Human Development Center, provides school-aged children and adolescents with educational support in the areas of math, reading, and written language. Undergraduate student clinicians conduct state-of-the-art academic evaluations, develop and implement a comprehensive intervention program, provide on-going progress monitoring, and consult with parents and teachers. The program is housed within the HDC with student clinicians also providing services in local elementary schools. The Academic Intervention Clinic also supports a Summer Reading Program. Faculty-student collaborative research experiences that focus on applied practice are available to undergraduate students.

Center for Communication Disorders

The Center for Communication Disorders provides diagnostic and intervention services to clients ranging in age from infants to the elderly. Graduate and

undergraduate student clinicians, under faculty supervision, work in the clinic with clients who have communication disorders of all types including problems with voice, stuttering, speech sound production, hearing, and language. The Center is located on the first floor of the Human Sciences and Services building and provides services at low cost to clients. Fees may be adjusted upon the recommendation of a faculty supervisor. Visit the website: www.uwec.edu/CSD/center/index.htm (<http://www.uwec.edu/CSD/center>) or call 715-836-4185 for additional information or to make appointments.

Human Development Center

The Human Development Center (HDC) is an interprofessional program that works with individuals and families from western Wisconsin. Under the direct supervision of faculty supervisors, student clinicians from Communication Sciences and Disorders, Reading Education, Nursing, Psychology, Special Education, and Social Work provide assessment, intervention, and consultation services to children, adolescents, young adults, and families referred from the community. Undergraduate and graduate students from these disciplines work collaboratively on interprofessional teams to provide high quality services to clients. The HDC also sponsors research programs involving academic assessment and intervention, behavioral health, and child and school psychology. The HDC is located on the first floor of the Human Sciences and Services building. Visit the website: www.uwec.edu/HDC/ or call 715-836-5604 for more information.

Psychological Services Center

The Psychological Services Center, a clinic staffed by faculty members from the department of Psychology, is located within the Human Development Center. The center provides psychological and family assessment and intervention, parent training, and academic and behavioral consultation services to clients referred from the community. Allied disciplines also participate in the center, providing a variety of consulting services, including health, education, and assessment.

Intercultural Immersion Experiences

Immersion programs are guided, critically-reflective domestic intercultural and international experiences that aim to deepen students' intercultural competence through global engagement, study and experience. Short-term programs (about 20-25 each academic year) are offered to various locations within the United States and internationally, led by UW-Eau Claire faculty/staff with curriculum relating to the UW-Eau Claire Liberal Education Learning Goals. As part of the University's commitment to providing global learning experiences for all students, Blugold Commitment Differential Tuition supports three high-impact intercultural immersion programs by providing funding to decrease student costs and thus increase access to high-impact learning experiences for all students.

1. The **Faculty-Led International Immersion Experiences (FLIIE) Program** offers short-term (2-6 weeks over Summer or Winterim term) study abroad programs led by UW-Eau Claire faculty/staff. Each program includes pre-experience preparation and orientation, cognitively rigorous in-country experiential learning activities that allow students to immerse themselves in the host culture, and post-experience guidance to bring learning and capacity back to campus.
2. The **Domestic Intercultural Immersion (DII) Program** prepares students to take part in an increasingly diverse and interconnected world by offering short-term programs (1-2 weeks over Winterim, Spring Break, and Summer term) within the United States. By engaging firsthand with various cultures, populations, and environments within the U.S., participants develop new perspectives of the world and expand their interpersonal and intercultural skills.

3. The **International Fellows Program (IFP) or Research, Service, and Creative Activity** supports international student-faculty collaborative research/creative activity and research service-learning projects. This program enhances student research skills and international experience, as well as develops faculty expertise in global research topics.

For detailed information about each program, visit the website at www.uwec.edu/undergrad/immersionexperiences.htm.

International Education (Center for)

International Education (Center for)

The Center for International Education (CIE) is committed to providing high quality international programs and international support services to the University community. It supports campus internationalization initiatives and advocates for intercultural competency and lifelong inquiry.

Two units within the Center for International Education work to support UW-Eau Claire students:

Study Abroad

The Center for International Education (CIE) strives to make study abroad that is affordable and connected to the curriculum available to every UW-Eau Claire student. With study abroad programs on every populated continent, nearly 22 percent of UW-Eau Claire students choose to take part in the life-changing experience of living and learning in another country. To ensure that courses taken abroad will be appropriate to their academic programs at UW-Eau Claire, students should begin to plan for international study as early as possible, in consultation with their academic adviser(s) and the CIE study abroad coordinators. Important notes about study abroad:

- To participate in international programs, students must be in good standing- academic, financial, and conduct- and meet program eligibility requirements.
- Credits and grades earned in UW-Eau Claire programs abroad are resident credits and are applied directly to the student's record.
- Regular financial aid may be used on UW-Eau Claire programs. Grants and scholarships are also available to support study abroad.
- Available programs are more fully described in International Studies (p.) course descriptions (College of Arts and Sciences).

International Students and Scholar Services

The Center for International Education welcomes students and scholars from throughout the world. Hosting students from nearly 50 nations, the University is a global community in western Wisconsin. International student and scholar staff coordinates the following core services:

- Student and scholar immigration advising, compliance, and documentation.
- Student welcome, orientation services, and cross-cultural programming.
- Intensive English Program.
- CHEPD (China 121) dual degree coordination.
- Sponsored student coordination

Further information and assistance is available from the Center for International Education and the website at www.uwec.edu/cie/. (<http://www.uwec.edu/cie/>)

National Student Exchange

The National Student Exchange (NSE), a consortium of more than 175 state supported colleges and universities, allows students to attend school in another area of the United States as well as Canada, Guam, Puerto Rico and the

Virgin Islands for up to one academic year. In bringing together students from different parts of the country, the program encourages participants to broaden their academic, social, and cultural awareness. Through a simplified admission process, students are able to enroll at their host universities and pay tuition at UW-Eau Claire. Grades and completed course work are incorporated into the student's UW-Eau Claire transcript, and are considered resident credit.

To qualify, a student must

- be currently enrolled as a full-time undergraduate student at UW-Eau Claire in the term prior to exchange;
- have a minimum 2.50 GPA;
- be in good academic, personal, and financial standing at UW-Eau Claire; and
- have 30 credits or more.

For more information about NSE, contact (715) 836-2003 or visit their website at: www.uwec.edu/DOS/programs/nse/index.htm (<http://www.uwec.edu/DOS/programs/nse>).

Office of Undergraduate Studies

Undergraduate Studies, in conjunction with faculty colleagues and community partners, assist University of Wisconsin-Eau Claire students to reach their unique potential in the areas of intellectual, personal, social, and cultural development. This is achieved by providing oversight and leadership for a number of programs and units that work collaboratively across academic departments and colleges to enhance student learning. These activities play an important role in helping students navigate the campus environment and providing programs and services that enrich students' personal and educational development.

Ronald E. McNair Postbaccalaureate Achievement Program

The TRIO Ronald McNair Postbaccalaureate Achievement Program is a graduate school preparatory program funded by the U.S. Department of Education and sponsored by UW-Eau Claire. Named after American astronaut Dr. Ronald McNair, the McNair program aims at leveling the playing field in graduate education and diversify the American research community by class, socio-economic status, and ethnicity. Nationally there are 158 McNair programs working with over 4,400 students.

The TRIO McNair Program was founded in 1989 and initiated at UW-Eau Claire in 2000. The mission of the McNair Program is to prepare McNair scholars for research based graduate level studies, and ultimately, a doctoral degree. Students selected into the program, referred to as "McNair scholars" are ambitious about entering research-based graduate programs immediately after graduating from UWEC. Annually, up to 26 undergraduates participate in the UW-Eau Claire McNair Program. Two-thirds of the participants meet federal income guidelines and are from a family in which neither parent graduated from a four-year postsecondary educational institution. One-third of the participants may be from groups that are traditionally underrepresented in graduate studies and the professoriate. (The federal government defines "underrepresented" to include: Black (non-Hispanic); Hispanic; and American Indian/Alaskan Native, Native Hawaiians and other Pacific Islanders.)

Along with a dedicated mentor in the scholar's primary field of research, over a two-year time period, the McNair program prepares them for graduate level studies, with the penultimate goal of completing a research based doctorate degree.

Some of the activities that McNair scholars participate in include learning about the big picture of research, the development of the American research

community, and current trends in American research; developing an understanding of the research process, writing and peer-reviewed publication process; developing an understanding of the grant writing process; working one-on-one on preparing CVs; applying for graduate school; traveling to present at the McNair conference and graduate school site visits. The Summer Research Institute, a six-week program, consists of scholars working with their mentors intensively on a research project. Additionally, McNair program staff work with scholars on GRE preparation; developing personal statements; developing video and on-line profile; writing and research workshops; and graduate school site visit.

Visit www.uwec.edu/mcnair (<http://www.uwec.edu/mcnair>) to learn more about the McNair program and for contact information.

Undergraduate Research

UW-Eau Claire is the Center of Excellence for Faculty and Undergraduate Student Research Collaboration. Many students work with a faculty mentor in their discipline to engage in scholarly projects. Results of these projects are presented on-campus at the Celebration of Excellence in Research and Creative Activity (CERCA) each spring, and many are also shared at professional conferences or through publication. Students involved in these activities develop a host of skills that prepare them for graduate studies and/or professional employment. Through the Blugold Commitment Differential Tuition program, funding is available to support student participation in research and scholarly projects that result in creative works, and to travel to professional conferences to present their results.

The mission of the Office of Research and Sponsored Programs (ORSP) is to maintain a supportive environment for research and scholarly and creative endeavors of the faculty, staff and students. This is accomplished through events that showcase research, such as the annual Celebration of Excellence in Research and Creative Activity, the Faculty/Staff Forum and the Authors Celebration, through funding programs that support research activities, through publications about campus research activities, and through services such as seminars, workshops and individual consultations on grant-seeking and undergraduate research collaboration. For more information, contact the Office of Research and Sponsored Programs (Schofield 17) at 715 836-3405 or visit the website at www.uwec.edu/ORSP/students/index.htm (<http://www.uwec.edu/ORSP/students>).

Academic Services

Academic Advising

Advising and New Student Initiatives

Advising:

Students will have an academic advisor and a faculty advisor from their major to assist them in developing academic and career goals based on their interests and abilities. If a student is unsure of a major, an academic advisor can assist them in choosing courses that explore various majors while keeping curricular options open. If a major has been declared, their advisors can help them efficiently navigate through the required course sequences and connect them to experiences and opportunities related to their academic interests. A student can also expect advisors to be knowledgeable about university policies and procedures and a wide variety of campus resources available for assistance.

Advisors in the Advising Center also work with transfer students to help them understand policies and procedures related to transferring. The academic advisors review the transfer course evaluations for all transfer students to identify issues students need to address to best use their transfer work to meet UW-Eau Claire's requirements.

The Advising office also provides orientation and advising for high school students taking college courses at UW-Eau Claire.

Visit the website at: www.uwec.edu/advising (<http://www.uwec.edu/advising>).

Academic Testing: The testing area administers English, mathematics, and foreign language placement tests for the University, as well as a number of national tests, including the ACT, ACTFL and MAT. Academic Testing also serves as an Educational Testing Service computer-based testing site, offering the GRE, Praxis, and TOEFL exams. It also administers the College Level Examination Program (CLEP). Advanced Placement, International Baccalaureate and DANTES results are also processed by this office. Visit the website at: www.uwec.edu/testing (<http://www.uwec.edu/testing>).

New Student Orientation:

All new freshmen and transfer students are expected to participate in a New Student Orientation program prior to registering for classes. One day sessions for new freshmen who are starting in the fall semester are held in June, with a final session in late August. New freshmen starting in the spring semester attend a session the week before classes begin in January.

Orientation sessions for transfer students who are starting in the fall begin the end of March and continue throughout the summer. Transfer students starting in the spring semester may attend one of many sessions held the end of October through January.

These programs are designed to facilitate the student's adjustment to the University. Students meet with academic advisors, develop a class schedule, and register for classes. Students and their parents have an opportunity to meet with faculty and staff members, tour the campus, and obtain information on a wide variety of topics related to both academics and student life.

Questions regarding orientation programs should be addressed to the Orientation and New Student Initiatives Coordinator. Visit the website at: www.uwec.edu/orientation. (<http://www.uwec.edu/one-stop/advising/orientation>)

First Year Experience: The First Year Experience program at UW-Eau Claire helps new freshmen transition to college life. Many new students take a course that is designated as "first year only." These sections are regular university courses that are open only to new freshmen. Each first year only class has an experienced UW-Eau Claire student mentor who works closely with the instructor to help students adjust to college. New freshmen may also register for special "linked" courses that are designed to help with transition to UWEC or to explore a topic, major or career of interest. In addition, all new freshmen are invited to participate in the Blueprint for a Blugold program, which is a schedule of out-of-class activities and corresponding online modules designed to help students learn valuable information about college life. Visit the website at: <http://www.uwec.edu/fye/>.

Nontraditional Student Services: Nontraditional-age students comprise an important component of the University's student body. The nontraditional student adviser serves this constituency through a variety of offerings that address the special needs and experiences of adults returning to college. Working adults, students with children or other family responsibilities, veterans, and adults in various life transitions, will find programs, publications, services, and consultations tailored to their circumstances and schedules. Further information may be obtained from the nontraditional student adviser. Visit the website at: www.uwec.edu/nss.

Undergraduate Advising

Advising Philosophy

Academic advising is an important component of a student's undergraduate experience. The university has established a structure intended to bring each student into a collaborative relationship with an academic advisor and a faculty advisor. The partnership with these advisors will empower students to establish connections to the campus and their field of study, graduate in a timely fashion and develop a portfolio of skills and experiences that will help them achieve their academic and professional goals. Advising is most effective when it is viewed as a developmental process in which the students and advisors work together. Students have the ultimate responsibility for monitoring their progress toward graduation and they should work closely with their advisors to develop a corresponding academic and career plan. Advisors should serve as a resource for students, providing accurate information and referring them to appropriate sources of help through the university.

Advising Structure

Within the university are seven advising clusters. Six of the clusters are comprised of 5-10 majors that are similar in nature. A student who has declared their major will be assigned an academic advisor from that cluster and a faculty advisor in their specific major.

Students who have not decided on a major will work with an advisor in the Undeclared Cluster. Students will be encouraged to choose a cluster at the start of their sophomore year, so that they can start working with an advisor that is more connected to a set of specific majors. Once a student declares a major, they will be assigned faculty advisor from that major.

If a student switches to a new major that is in the same advising cluster, their academic advisor will remain the same. A new faculty advisor will be assigned to reflect the student's new major. If a student switches to a new major that is outside of their current cluster, they will be assigned a new academic advisor and a new faculty advisor.

Roles of Academic and Faculty Advisors:

Academic Advisors: An on-campus professional who provides holistic and comprehensive academic and career advising for students in a specific curriculum cluster. They provide students with guidance regarding course selections, graduation requirements, major exploration, academic policies and procedures, UWEC connections and university high-impact opportunities. In working with students, they collaboratively partner with faculty advisors and career counselors.

Faculty Advisors: A faculty member who is assigned to a student in their major who provides ongoing consultation for the student. They counsel students on long-range academic and career plans, monitor progress towards specific major degree requirements, assist in the selection of major courses and connect students to High Impact Practices available in the department/field. In working with students, they collaboratively partner with academic advisors and career counselors.

Advisors are available to provide additional assistance to specific populations: international students are helped through the Center for International Education; multicultural students through the Office of Multicultural Affairs; students with disabilities through the Office of Services for Students with Disabilities; and first generation/low income students through Student Support Services, a TRIO program. The Academic Skills Center provides tutoring and developmental education courses for students, including those in negative academic standing.

Students must see an advisor at the following times:

- A student must meet with their academic advisor prior to registration for the fall and spring semester. They receive a Personal Advising Code (PAC) at this time. Students are encouraged to discuss summer and winter courses with their academic advisor as well.
- All readmitted students must meet with an academic advisor prior to registering. They will receive a Personal Advising Code (PAC) at this time to register for classes.
- All new transfer students must see an academic advisor prior to registering. This is done as part of the Orientation program.
- All students must see their academic advisor prior to withdrawing from a class or withdrawing from the university.
- Students are encouraged to meet with their faculty advisor to discuss major related High Impact Practices, internship opportunities and major course selection that may impact future career or academic opportunities.

Advising Responsibilities

Student Responsibility

It is the responsibility of all advisees to:

- Meet with your academic advisor at least once per semester.
- Read and respond to all emails and text messages sent from your academic and faculty advisors in a timely manner.
- Be prepared for meetings with your academic and faculty advisor.
- Learn to read and use the degree audit; become familiar with graduation requirements; fulfill all degree requirements.
- Develop plans for taking courses required for graduation.
- Keep track of your own academic records.
- Develop plans for achieving academic, career and personal goals.
- Utilize your faculty advisor with questions about High Impact Practices, opportunities in the major, major courses and the influence on career choices, educational opportunities beyond your undergraduate degree.
- Apply for graduation by the end of the first week of undergraduate priority registration for the semester of intended graduation (<https://www.uwec.edu/Registrar/student/Apply-to-Graduate.htm>).
- See your advisor and course instructor at the first sign of academic difficulty.
- Understand academic policies and become familiar with important deadlines.
- Utilize the full range of campus resources: i.e. career planning, counseling, tutoring, services for students with disabilities, and other resources available at the university.

Advisor Responsibility

It is the responsibility of advisors to:

- Be accessible to students on a regular, predictable basis.
- Encourage students in self-direction, in learning and assuming responsibility for their own educational plans.
- Reinforce the responsibilities of advisees.
- Assist students in selecting courses that reflect individual interests and abilities.
- Help students with academic planning – re-evaluate plans regularly.
- Assist students in achieving academic, career and personal goals.
- Know graduation requirements and other institutional policies outlined in the college catalog.
- Refer students to appropriate campus resources.
- Help students learn about academic policies and procedures.
- Increase advising skills through regular training and professional development.

- Helps students understand the value of their liberal arts based education.

Declaring/Changing a Major

Students who wish to change their major and/or minor must consult with the desired department. The student should first obtain a "what-if" degree audit. Exact procedures for each major and minor can be found at: www.uwec.edu/Registrar/student/chgofmajor.htm. Since most majors require students to meet with an adviser prior to changing a major or minor, students should plan ahead.

Academic Skills Center

The Academic Skills Center is a resource for students needing individual assistance to enhance learning strategies and skills in college reading and study methods, critical thinking, problem solving, and mathematics. An English as a second language program is available for permanent resident and international students. Group tutoring is also available for selected entry-level foreign language courses, as well as several physical and social science courses. Diagnostic evaluation is available in reading, mathematics, study strategies, and English as a second language. Further information may be obtained from the Academic Skills Center staff or the ASC website at: www.uwec.edu/asc (<http://www.uwec.edu/asc>).

Career Services

Career Services helps students understand the relationship between their educational choices and general career fields. Specific services include: career counseling appointments and group workshops, internship and job search assistance, resume and cover letter reviews, networking coaching, interview preparation. Career Services is the liaison between employers and campus, connecting students, faculty, staff and alumni with employers in the region and across the country. Visit the Career Services website at: www.uwec.edu/career (<http://www.uwec.edu/career>) for more information.

Hire A Bugold: Hire A Bugold is a free online jobs and internship search database used by UW-Eau Claire students and alumni. Employers who recruit UW-Eau Claire students use this to assist in meeting their workforce needs by posting part-time, summer, full-time and internship positions. Students can search for opportunities and apply for these positions. They can also participate in on-campus interviews and receive invitations to employer information sessions. Verified employers are able to view students' resumé and contact them directly regarding opportunities.

Career Events: Each year Career Services sponsors a variety of career events designed to allow students to explore career and internship options:

Career Conferences — fall and spring semesters

Explore Your Possibilities Workshop Series — fall and spring semesters

Nursing and Health Care Professionals Fair — fall semester

Mock Interview Days-fall and spring semesters

Camps and Summer Jobs Fair- spring semester

Experience U- spring semester

Over 500 employers representing a wide variety of organizations are participants at these career events.

On-Campus Recruitment Program: More than 100 employers visit the campus each year to interview students interested in internship and full-time professional positions, offering 800+ interviews each year. All interviews are coordinated and arranged with the Career Services Office.

Services for Students with Disabilities

Services for Students with Disabilities (SSD) facilitates the provision of academic accommodations for eligible students with documented disabilities. Disability-related accommodations address the need for both program access (i.e. exam accommodations, note taking, interpreters, alternative format course materials, etc.) and physical access. Verification of the need for accommodations is based on current disability documentation provided by the student. Students with disabilities who wish to request accommodations must provide disability documentation to the SSD Office and make their requests known in a timely manner so that arrangements for accommodations can be initiated. Testing rooms are available for individual testing accommodations. Information about required documentation and procedures for arranging services can be obtained by contacting the SSD Office or visiting the SSD website at www.uwec.edu/ssd.

Services for Students with Disabilities Project AIM (Ability in Motion)

Project AIM is a Student Support Services program funded by a TRIO grant from the U.S. Department of Education. Due to federal eligibility requirements, the students served must have a documented disability. Goals of the project are focused on promoting academic and career success of participants. Project AIM provides a variety of supplemental services for eligible participants including student-specific advising, career exploration, financial literacy, free tutoring, mentoring, leadership development and a variety of cultural and educational activities. Some students qualify for additional federal grant aid based on participation in the program. Further information may be obtained from the Services for Students with Disabilities Office staff.

Service-Learning, Center for

All candidates for the baccalaureate degree at the University of Wisconsin-Eau Claire must satisfactorily complete 30 hours of approved service-learning activity. UW-Eau Claire's Service-Learning requirement fosters habits of public engagement and service to society. This requirement is intended to provide students with an opportunity to serve their community, apply knowledge gained in the classroom, enhance their critical thinking skills, and become informed, active, and responsible citizens. The Center for Service-Learning works with community partners to create meaningful projects for students and helps students and staff to develop projects. Visit the Service-Learning website at: www.uwec.edu/sl (<http://www.uwec.edu/sl>) for information on available projects, the completion procedure, and a link to the Service-Learning Guidebook. For more information, view the University Graduation Requirements (p. 46).

Student Support Services

Funded by a TRIO grant from the U.S. Department of Education, the Student Support Services program provides a variety of supplemental services for qualified students. Due to federal eligibility requirements, the students served must be from a low-income household, be a first-generation college student, or have a documented disability. The staff assists eligible students in assessing their academic skills and in developing individual goals that promote their academic and career success. The program provides participants with free tutoring, career exploration opportunities, comprehensive academic advising, mentoring services, graduate school preparation, financial aid information, and a variety of educational activities. Some students qualify for additional federal grant aid based on their participation in the program. Further information may be obtained from the Student Support Services staff. Visit the SSS website at: www.uwec.edu/sss.

Upward Bound

Upward Bound is a federal TRIO program awarded to UW-Eau Claire by the U.S. Department of Education. All participants are from high schools in Eau Claire. Most students are recommended by school counselors during the last semester of middle school. Once enrolled in the program, students continue through high school graduation. The program serves 63 promising high school students who face barriers to the completion of high school and the attainment of post-secondary education. During the academic year, students receive tutoring, counseling, and study skills support. The summer six-week residency program, for which students receive high school credit, provides an academic core enhanced with field trips and cultural, social, and athletic activities. Upward Bound develops career exploration and decision-making skills and assists students in selecting appropriate post-secondary educational options. Assistance is given in completing college admission and financial aid applications. Further information may be obtained from the Upward Bound Office or by visiting the Upward Bound website at: www.uwec.edu/upbound (<http://www.uwec.edu/upbound>).

William J. and Marian A. Klish Health Careers Center

The William J. and Marian A. Klish Health Careers Center is a specialized career center for students who are interested in a career in the health sciences. The resources available through the Health Careers Center help students explore a wide range of health careers and create a personalized, interdisciplinary pathway to graduation and admission to professional schools. UW-Eau Claire offers pre-professional programs in Pre-Medicine, Pre-Veterinary Medicine, Pre-Physician Assistant, Pre-Dentistry, Pre-Physical Therapy, Pre-Occupational Therapy, Pre-Pharmacy, Pre-Optometry, and Pre-Chiropractic. The Health Careers Center offers resources for academic and health career advising, connections to health-related clinical, research and volunteer opportunities, and workshops designed to build effective tools for career development and competitive applications. Further information may be obtained by visiting the Health Careers Center Web site at: <https://www.uwec.edu/academics/institute-health-sciences/health-careers-center/>

Student Services, Activities and Organizations

Vice Chancellor of Student Affairs and the Dean of Students Office

The Student Affairs and Dean of Students Office professionals, in conjunction with faculty colleagues and community partners, assist University of Wisconsin-Eau Claire students to reach their unique potential in the areas of intellectual, personal, social, and cultural development. This is achieved by providing a variety of student services that include information sharing and advocacy, curricular and co-curricular offerings, professional development and training opportunities, as well as diagnostic and clinical services. These activities occur in the context of a liberal education enhanced by experiential learning and civic engagement.

The Student Affairs and Dean of Students Office staff provides assistance to all students including nontraditionally aged students, ethnic minorities, undergraduate and graduate students.

The Student Affairs and Dean of Students Office staff plays an important role in helping students navigate the campus environment and providing programs and services that enrich students' personal and educational development. The

staff works with programs and services to create a learning environment that integrates co-curricular and classroom experiences.

Services provided by staff in the Student Affairs and Dean of Students Office include:

1. student advocacy, counseling, advising, and crisis intervention to students experiencing personal, medical/mental health and academic problems.
2. supportive response, accommodations, investigation and adjudication of complaints of sexual assault, stalking, dating/domestic violence, and hate/bias incidents.
3. administration and coordination of the National Student Exchange Program.
4. support and advising for student government and campus organizations and the administration of student conduct procedures.

Students are encouraged to seek assistance related to student life concerns and to use the office as a referral resource. The staff assists students to make positive connections with faculty, staff, other students, and services. The Student Affairs and Dean of Students Office is located in Schofield 240, 715-836-5626, fax 715-836-5911, or visit the website at: www.uwec.edu/dos (<http://www.uwec.edu/dos>).

Athletics

The University's intercollegiate athletics program challenges students physically, mentally, and emotionally. The various athletic practice and playing fields are really classrooms where leadership, self-discipline, commitment, work ethic, teamwork, fair play, problem solving, time management, motivation, and cooperation are taught. This fits in with the University's commitment to a rigorous, intentional and experiential undergraduate liberal arts education for life and livelihood. A well-conducted program, based on sound educational principles and practices, fulfills the educational mission by ensuring that every student has an opportunity to be involved in competitive athletics as a participant or spectator.

The programs are organized to meet the needs of the highly skilled and competitive student-athlete. The women's program consists of varsity teams in basketball, cross country, golf, gymnastics, ice hockey, soccer, softball, swimming and diving, tennis, track and field, and volleyball. The men's program consists of varsity teams in basketball, cross country, football, golf, ice hockey, swimming and diving, tennis, track and field, and wrestling.

Both men and the women compete on the national level as members of the National Collegiate Athletic Association (NCAA) Division III. On a state level, the men and the women belong to the Wisconsin Intercollegiate Athletic Conference (WIAC). The women's gymnastics program belongs to the National Collegiate Gymnastics Association (NCGA) in the sport of gymnastics.

All student-athletes must conform to university academic policies and standards to be eligible. In addition, there are conference and national regulations which affect a student-athlete's eligibility status. Entering freshmen are eligible for varsity competition if enrolled as full-time students. Transfers and students who have not been in continuous enrollment at UW-Eau Claire should contact Athletics for a determination of their eligibility status. All other student-athletes must earn 24 degree credits for each season of competition they complete. Once a student-athlete has completed two terms of attendance, one season of competition, or earned 24 credits, there is a 2.00 resident grade point requirement.

All men's and women's sports are administered by the Director of Athletics. They are supervised by the Vice Chancellor for Student Affairs in consultation with the Athletic Committee.

Awareness of Sexual Assault (Center for)

The Center for Awareness of Sexual Assault (CASA) is a sexual assault support service that maintains a victim-centered approach. We provide a safe place for people to come and talk about any issues that they may have surrounding their sexual assault, or those of someone close to them. Even if you are not sure about a sexual experience and are now feeling uncomfortable with what happened, CASA would be glad to talk with you. We provide a variety of services that are confidential and free: crisis counseling, emergency room support, legal advocacy, assistance with campus reporting, information and referral, and a 24-hour crisis hotline at 715-836-HELP. For additional information, visit www.uwec.edu/CASA. To make an appointment, call 715-836-4357 or email casa@uwec.edu.

Blugold Beginnings

The purpose of the Blugold Beginnings Program is to educate and inspire students, especially underrepresented, low income or first generation students, to believe that a post-secondary education is important, attainable, and available at the University of Wisconsin-Eau Claire and other institutions.

Blugold Beginnings offers a variety of programs and services to promote a college-going culture and to help students obtain a higher education. The program provides the opportunity for college students to serve as mentors for fifth through twelfth grade students within the community. This experience develops new skills and advances college students' knowledge of underrepresented populations and the greater community. Mentor programming takes place in area schools during study hall and after school. Each year, thousands of fifth and eighth grade students tour the campus with Blugold Beginnings mentors, experience college classes, and spend time with faculty learning that college is an option for them. Monthly events and summer camps are also offered to youth and facilitated by college students serving as mentors. Upon high school graduation and admission to the University of Wisconsin-Eau Claire, freshmen students are invited to join the Blugold Beginnings Learning Community which continues to offer support services to assist college students with the transition from high school to college life. For more information, visit www.uwec.edu/Blugoldbeginnings (<http://www.uwec.edu/Blugoldbeginnings>).

Children's Nature Academy (The Priory)

The UW-Eau Claire Children's Nature Academy (CNA), is a five-star (Youngstar) nationally accredited (NAEYC) nature based early learning program, licensed by the state of Wisconsin. Serving children ages six weeks through school age, programming is offered to students, faculty, staff, and the community on the University's beautiful 112-acre Priory Campus. The center operates from 7:00 a.m. to 5:30 p.m. Monday through Friday and some evening care upon request. The CNA offers flexible scheduling and special student discounted rates. The CNA also works with the Eau Claire Area School District to offer four-year-old kindergarten (EC4T) and AmeriCorps to offer ECLIPSE, a literacy and social skills program for preschool age (3-5) children. Please contact the Director at 715-836-2178 or children@uwec.edu for more information on enrollment. Online interest forms are also available at www.uwec.edu/children/index.htm (<http://www.uwec.edu/children>).

Counseling Services

Staff counselors in the Counseling Services Office assist students in overcoming problems which may interfere with their educational, social, and emotional development. This is accomplished through individual, couple, and group counseling; psycho-educational workshops; and outreach services. Among

the issues that students may bring to counseling are personal development, adjustment to college, depression, stress management, relationship/abuse issues, alcohol and drug use, goal setting, time management training, and other personal concerns and psychological problems.

Confidential and free counseling is available to any student of the University. An Employee Assistance Program (EAP) is also available for faculty and staff. Visit the Counseling Services website at: www.uwec.edu/counsel (<http://www.uwec.edu/counsel>).

Cultural and Social Activities

Artists Series. The Artists Series presents quality regional, national, and international artists in the areas of music, dance, and theater to the University community. Through the performing arts, the Artists Series seeks to develop aesthetic awareness, promote interdisciplinary appreciation, and cultivate multicultural experience.

The Forum. Since 1942 The Forum lecture series has presented many of the world's greatest minds and imaginations. Speakers have ranged from Sinclair Lewis to Maya Angelou, Margaret Mead to Cornel West, William Westmoreland to Noam Chomsky, Buckminster Fuller to Carl Sagan, and Bennett Cerf to Garrison Keillor.

The Lookout. Live music, DJs and dancing, theme nights, trivia, karaoke, and socializing predominate at this late-night, student-operated lounge and event space in Hilltop Center.

UW-Eau Claire International Film Society. The International Film Society presents foreign and domestic films on campus for UW-Eau Claire students and faculty/staff, and for community members who purchase film passes. Since 1956 the series has represented various countries, cinematic styles, directorial methods, genres, and points of view in films that help to foster a better understanding of other people and cultures as well as a lifelong appreciation for the art of film.

Student Organizations and Leadership Center. This complex in Davies Center provides services and a home base for the more than 250 campus organizations at UW-Eau Claire. Students may learn more about organizations they are interested in joining at the complex. Organization members may use the available work and storage space, supplies and resources.

Summer Events. Free entertainment and films for the Eau Claire community is provided throughout the Summer Session.

University Activities Commission (UAC). The largest standing commission of the Student Senate, the UAC is the exclusively student-operated campus activities programming board. In selecting and producing high-quality, diverse, and accessible educational and entertainment programs for the university community, UAC members gain valuable leadership experience and develop personal skills such as exercise of responsibility, decision-making, and teamwork.

Six committees make up the commission. The **Cabin Committee** programs musical and performance arts events in an intimate club setting. The **Concert Committee** presents on-the-rise regional bands, nationally and internationally touring artists, and cutting-edge performers. The **Festivals Committee** coordinates Homecoming, Winter Carnival, and Springfest activities. The **Film Committee** alternates with the International Film Society in screening contemporary and classic films throughout the academic year. The **Late-Night Activities Committee** provides social late-night activities for students, using spaces on upper campus and lower campus. The **Special Events Committee** offers lecture-and-discussion programs, performing and visual arts events, tours to regional cultural events, comedy nights, and novelty programming.

Viennese Ball. Documented as the largest Viennese ball presented outside of Vienna, the Viennese Ball is a formal event recalling the romance and elegance of 19th-century Vienna. The program promotes positive university, community, and international relations by expanding an awareness of the culture, history, and music of Vienna, Austria. Proceeds from the two-night event have thus far provided more than \$1 million in music, service, and international study scholarships for UW-Eau Claire students.

Department of Art & Design. Student shows comprise a significant aspect of the annual calendar of exhibitions. A visiting artist is invited to serve as juror in the selection of works for the Annual Juried Student Art Show in the Foster Gallery of the Haas Fine Arts Center. Candidates for the Bachelor of Fine Arts degree present senior shows in their emphasis at the conclusion of each semester. Other exhibitions present the work of outstanding contemporary artists who frequently visit the campus at the time of their show and meet informally with students. Gallery and museum directors, graphic designers, and art historians also visit the Department of Art & Design to present lectures and participate in seminars and workshops on a wide range of subjects.

Paintings, sculpture, prints, and drawings from the UW-Eau Claire permanent art collection may be viewed in numerous campus locations.

Forensics. A complete program of competitive intercollegiate speaking activities is offered. Categories include prose interpretation, poetry interpretation, dramatic interpretation, dramatic duo, impromptu speaking, extemporaneous speaking, persuasion, informative speaking, after dinner speaking, and communication analysis. CJ 100, Introduction to Forensics, allows students to obtain credit for participating in the activity. Students do not have to enroll in the course to participate.

UW-Eau Claire possesses one of the longest traditions of national excellence in forensics in the nation. The University competes against colleges of all sizes, yet is typically among the top programs in the country. The local chapter of Pi Kappa Delta sponsors several tournaments and workshops on campus for high schools and colleges. Any student, regardless of background in forensics, is welcome to take part in this activity. For further information contact the Director of Forensics, Hibbard 174, or visit the website at: www.uwec.edu/4n6 (<http://www.uwec.edu/4n6>).

Department of Music and Theatre Arts. Each year the Department sponsors more than 225 recitals, concerts, and special musical programs by students, faculty, and guest artists. Many student musical ensembles have distinguished national reputations. Ensemble participation is open to all qualified students and includes the following organizations: University Symphony Orchestra, Chamber Orchestra, Wind Ensemble, Symphony Band, University Band, Marching Band, Jazz Ensembles, Concert Choir, Symphonic Choir, Women's Chorus, Men's Glee Club (Statesmen), Women's Concert Chorale, Opera-Musical Theater Workshop, Concert Dance Company, and numerous small ensembles.

University Theatre annually casts five main-stage productions by open audition, including a Theatre for Young Audiences production. In addition to the main-stage plays, there are 20 to 30 student productions ranging from the classics to contemporary theatre.

Department performing spaces include the 600-seat Gantner Concert Hall used for concerts, recitals, opera, dance, and musical theatre; Phillips Recital Hall, seating 200 for solo recitals and chamber music; Riverside Theatre, a 200-seat thrust-stage facility used for main-stage theatre and studio productions; and Kjer Theatre, a proscenium facility seating 400 for main-stage plays and dance.

FM Radio. WUEC (at 89.7 on the dial) is a student-assisted FM station broadcasting from studios in the Hibbard Humanities Hall. WUEC is affiliated with Wisconsin Public Radio and National Public Radio. Programming includes

classical, jazz, blues, and folk music; news; information; and public affairs programs. Visit the website at: wuec.org.

Campus TV. Students enrolled in Advanced Broadcast TV News (CJ 426) prepare newscasts in the Broadcast TV News Laboratory, Hibbard Humanities Hall 105.

Residence Hall TV-10. Students living in the residence halls produce and direct live and taped television programs originating in the studio and control room located in Towers Residence Hall. These programs are sent out on the residence hall cable system and received on channel 10.

Housing and Residence Life

The University provides accommodations for 3,974 students in on-campus residence halls. Except for those who are married, living with parents or guardians, or veterans of the United States Armed Forces, all freshmen and sophomores are required to live in University-operated residence halls when such accommodations are available.

Information about living on campus is automatically sent to candidates for admission to the University. Room assignments are based on the date all properly completed housing contract items are submitted, including a \$75 deposit. The deposit is refundable through May 1 (see Deposits, under Tuition and Fees (p. 18)). It is beneficial to apply as soon as possible after acceptance to the University. Whenever possible, specific room assignments will be made prior to freshman orientation in mid-June.

Each residence hall is staffed by a hall director and resident assistants selected from qualified continuing students. Insofar as demand permits, students are given a choice among the kinds of on-campus accommodations available. The residents of each hall determine, in accordance with the Wisconsin Administrative Code, certain policies and regulations for the governance of their hall.

All students living in University residence halls are required to participate in the contract meal plan (see Dining Service).

The University has no housing facilities for married students and students with children. Further information concerning all housing and residence life policies and services is provided in the Residence Hall Information booklet, available upon acceptance by the University or upon request to the Housing and Residence Life Office, phone 715-836-3674, or online at www.uwec.edu/housing (<http://www.uwec.edu/housing>).

Multicultural Affairs, Office of

The Office of Multicultural Affairs (OMA) provides leadership in creating a safe, and inclusive campus environment critical to the cultural development, personal growth, and academic success for student of color. OMA staff assists African-American, American Indian, Asian (with special emphasis on Southeast Asian), Hispanic/Latino, and multiracial students in fostering a sense of belonging and utilization of the University resources to impact academic and personal achievement. OMA builds relationships, create relevance to learning, and connect multicultural students to resources that will enhance their academic and social growth at UW-Eau Claire. OMA assists multicultural students in areas such as admission, housing, financial aid, counseling, employment, and provides supplemental academic advising so they are able to thrive and achieve to their full potential. OMA offers cultural programs, student leadership development, and equity, diversity, and inclusiveness (EDI) awareness opportunities for students, faculty and staff through individual contacts, heritage awareness activities, guest speakers, and classroom presentations on diversity issues. All UW-Eau Claire students are encouraged to participate in a variety of opportunities and events sponsored by the Office of

Multicultural Affairs. Visit the website at: www.uwec.edu/multicultural (<http://www.uwec.edu/multicultural>).

Off-Campus Student Life (Center for)

The Center for Off-Campus Student Life addresses the needs and concerns of students living off-campus, particularly those living in the neighborhoods surrounding campus. Top priority areas for the office include working with community partners to improve the quality and safety of housing near campus; offering programs and services to engage students with their neighborhoods and the broader Eau Claire community; and providing information and resources to students to improve their off campus living experience. The program will provide resources to students to help them identify issues to consider when renting an apartment for the first time. Students already living off campus will find new resources about their rights as tenants, how to continue to connect with University programs, services, and activities as a student living off campus, and will learn more about how to engage positively with their community. For more information, visit www.uwec.edu/offcampus.htm.

Recreation and Sport Facilities

Recreation and Sport Facilities provides a wide array of opportunities for students to engage in activities that promote learning, leadership development, health, wellness and fun! Offerings include: Intramural Sports, Club Sports, Group Exercise Classes, Open Recreation (free-time use of gyms, pool, indoor track and racquetball courts), Crest Fitness Center and the McPhee Strength & Performance Center, the Environmental Adventure Center (Outdoor Equipment Rental, Adventure Trips, Indoor Archery Range, Eagle's View Challenge Ropes Course, Indoor Climbing Wall, Campus Biking Program and the Campus 9 Disc Golf Course), Massage Therapy, Special Events, Wellness Classes and the Bowling & Billiards Center.

Recreation and Sport Facilities also oversees the management and scheduling of all upper campus sport facilities including: McPhee/Ade Olson (gyms, pool, indoor track, racquetball courts, dance studio, equipment and laundry operations and classrooms), Simpson Outdoor Track and Field, Bollinger Fields Complex, Towers Field & Sand Volleyball Courts, Hilltop Outdoor Tennis and Basketball Courts and the Bowling & Billiards Center.

Recreation and Sport Facilities is one of the largest employers on campus, offering students enriching work experiences that provide opportunities for leadership development and learning.

For more information about Recreation and a complete list of opportunities, visit the Recreation and Sport Facilities website at: www.uwec.edu/recreation (<http://www.uwec.edu/recreation>).

Student Government

The University of Wisconsin-Eau Claire has long been committed to the active participation of students in institutional governance. Significant responsibility is accorded to qualified students who serve with faculty on departmental and College committees and on administrative committees of the University.

The Student Senate is the primary vehicle for the involvement of students in University governance. It has initial responsibility for recommendations on matters pertaining directly to student life, services, and interests, including the allocation of that portion of the educational costs designated as the segregated fee. In elections held each year, the student body elects eligible students from two geographical districts—on and off campus—to serve as senators.

Through the United Hall Council and the Coeducational Residence Hall Judicial Board, students also participate, with the Director of Housing and Residence Life, in the operation and development of residence hall programs and policies.

For further information, students may contact the Student Senate Office or the Student Affairs and Dean of Students Office. Visit the website at: www.uwec.edu/studentsenate (<http://www.uwec.edu/studentsenate>).

Student Health Service

UW-Eau Claire's Student Health Service fosters a healthy campus community through high quality health care, inclusive and accessible service, and health promotion/advocacy. Student Health Service is the primary health care center for UWEC students.

Clinical services provided include mental health evaluations and follow-up care, evaluation and treatment of illnesses and injuries including those of the respiratory, gastrointestinal, and musculoskeletal systems. Physical examinations, minor surgical procedures, laboratory services, and reproductive health services, including contraceptive exams and supplies, are also offered. Diagnosis and treatment of sexually transmitted diseases is also available. Some services are prepaid by student segregated fees, and some services and supplies are provided for a nominal fee. Additional information about Student Health Service is available on the website or by calling the clinic at 715-836-4311.

The Health Promotion Office works as an educational arm of Student Health Service. Located on lower campus in Schofield 26, this office works on health advocacy projects to make UW-Eau Claire's campus a healthier living place for learning and living, including developing and implementing strategies and programs to reduce high-risk drinking. This office also offers educational programming for residence halls and classrooms on topics such as nutrition, life/work/school balance, making healthy changes, and other topics.

For more information on our services, hours and locations, visit www.uwec.edu/shs (<http://www.uwec.edu/shs>)

Student Publications

The Spectator, an award-winning student newspaper is published in print each Thursday of the regular academic year and daily online at www.spectatornews.com (<http://www.spectatornews.com>). The paper has offices in Hibbard 104. Paid staff positions are available for interested students in editorial, production, and advertising departments. The Spectator is a member of the Associated Collegiate Press. Visit the website at: www.spectatornews.com (<http://www.spectatornews.com>).

NOTA (*None of the Above*), the campus creative arts magazine published once per semester, provides an outlet for student writing, photography, artwork, and original music performance; in addition, NOTA publishes "Pocket NOTA," a magazine designated for pieces of longer prose. NOTA sponsors public readings by students, faculty, and professional writers and holds contests for fiction and poetry writers. Interested students may inquire at the NOTA Office in the English Department or via email: nota@uwec.edu.

University Centers

The University Centers comprises three buildings that are the center of campus life: Davies Center, Hilltop Center and Crest Wellness Center. University Centers programs and services operate within these three facilities, which also support the operations of the Student Health Service, the University Police and University Recreation and Sport Facilities. The University Centers also administers Zorn Arena and Schofield Auditorium — multipurpose facilities that are heavily used by the university community for meetings, recreation,

performances, dining, conferences, workshops and other curricular and co-curricular activities.

The University Centers develops and implements a variety of involvement and leadership experiences, volunteer opportunities, student employment and internships, diversity and cultural growth initiatives, and community outreach. Students are encouraged to actively engage in any number of activities including student organizations, volunteering, advisory committees, leadership development, and participation in a diverse array of programs and events. These varying experiences help students to develop new skills, reflect on their personal identity and place in the world, and become engaged citizens. The University Centers builds and sustains partnerships with faculty/staff and community members, to ultimately enhance the quality of the experiences provided.

As a financially self-supporting part of the Division of Student Affairs, the University Centers provides for basic needs that are vital to student success. Services demonstrate innovation and responsiveness to student needs, due in part to the high level of student involvement in all aspects of the unit. Although many of the services the unit provides are administrative, the University Centers is exclusively funded by student fees and commissions paid to the University of Wisconsin-Eau Claire.

The University Centers provides services that are integral to campus life, including the undergraduate textbook rental program, the meal plan required for nearly all campus residents, and the official university ID card. The unit is responsible for all non-academic reservations on campus and ticketing of campus events. The University Centers administers bookstore services, dining, catering and vending services campus-wide, manages all printing services and provides the central source of campus information through the Service Center.

W.R. Davies Student Center. The new 177,000 sqft Davies Student Center opened its doors in July 2012. The new student center, like its predecessor, is named in memory of William R. Davies (1893–1959), the university's second president. Its design was inspired by nature surrounding the Eau Claire campus — the Chippewa River, the woods, the stone formations, and the Little Niagara Creek. Davies Student Center occupies a site that was the historic meeting grounds of the Dakota and Ojibwe people, who made peace in the 1850s after a bitter war that spanned 150 years. The treaty line is thought to be at the mouth of the Little Niagara Creek on the Chippewa River. Names of meeting spaces in the original and the present Davies Center honor the Ojibwe and Dakota and other native people of Wisconsin, including the Ho-Chunk, Menominee and Potawatomi tribal members who used the Council Oak tree and its surroundings as a shelter and gathering place. Davies Center was planned as an expression of the role of the Council Oak, a beacon and symbol of community, gathering and a safe space for all. W.R. Davies Student Center is the center for social and cultural interaction on the lower campus. Offering a number of meeting and program spaces, dining facilities and service areas, Davies Center is the administrative core of the University Centers. It is also home to the Student Senate, the primary vehicle for student involvement in university governance.

Past, present and future students of the University of Wisconsin-Eau Claire are paying for their new student center through segregated fees assessed since 2000.

Hilltop Center. Spanning the road that connects the upper and lower campus, Hilltop Center was built in 1968 and is home to Riverview Café, the primary contract dining facility on campus. An extensive renovation of Hilltop Center in 2012 expanded the primary service cafeteria on campus. Riverview Cafe now comprises the entire second floor of the building, and up to 7,000 meals are served to students each day. The programs and services of University Recreation and Sport Facilities are also based in Hilltop Center. Facilities include

the Environmental Adventure Center (EAC), the Bowling and Billiard Center (BBC) and The Lookout – event space.

Crest Wellness Center. Is home to Student Health Service, Crest Fitness Center, University Police and the Eagle's View Challenge Ropes Course. In 1999 a \$1.4 million upgrade remodeled the upper level of Crest Wellness Center for the fitness center, making it possible to relocate its weightlifting exercise equipment from the lower level. In 2013 the Eagles View Challenge Course was expanded offering both high and low rope challenges.

The University Centers facilities, programs and services is available at: www.uwec.edu/centers and social media sites.

Activities, Involvement and Leadership

The Activities, Involvement & Leadership (AIL) office is where students will find opportunities to get involved outside the classroom. It is the home to many co-curricular leadership initiatives, recognition programs, campus-wide activities that entertain, challenge and promote the exchange of ideas and the development of life-long leadership skills. These co-curricular opportunities are available to complement UW-Eau Claire's strong academic tradition in order to give students a well-rounded college experience. The AIL staff encourages and supports the development and implementation of a variety of involvement and leadership experiences, volunteer opportunities, student employment and internships, diversity and cultural growth initiatives, and community outreach.

The office oversees 275 student organizations and the annual Blu's Organization Bash, administers campus-wide programming including the Artists Series, The Forum lecture series, Summer Events and the UW-Eau Claire International Film Society, all which are funded through student segregated fees allocated by the Student Senate. Staff also advise Greek Life, the Student Senate's University Activities Commission, Student Senate Student Organization Commission, The Lookout event space, and the programs and services that are housed in the Student Organizations and Leadership Center.

The AIL Office is committed to guiding and supporting each student as they discover their own skill development and how they can connect those skills to the real world.

Blugold Card Services

University of Wisconsin-Eau Claire photo identification cards are issued and replaced at Blugold Card Services, part of the Service Center complex in the Davies Center's east lobby. Upon initial enrollment at the University, a Blugold Card is issued to every student; students retain their ID cards throughout their enrollment. Blugold Card Services is the point of contact for ID-based activities offered campus-wide — including door access, point-of-sale, attendance, circulation and e-commerce. The Blugold Card entitles the bearer access to contract dining facilities; use of McIntyre Library; access to McPhee Physical Education Center facilities; reduced ticket prices for many campus activities and events; free use of the Eau Claire Transit System; and access to the Blugold Account debit card system. Through the university's banking partnership, students also have the option of using their Blugold Cards as ATM or pin/signature-based debit. A branch bank is also located at this location.

Blugold Dining

Cafeteria, fast food, a la carte, catered, and fine dining options are offered to the University community and to the public. Students living in residence halls (except Chancellors Hall and The Priory) participate in one of several meal plan options and are offered the most economic options at the cafeteria in Hilltop Center. Davies Center retail facilities include a food court, coffee shop, convenience store, and an upscale dining area. Simply-to-Go cart is located in the lobby of Haas Fine Arts Center and Einstein Bros. Bagels is located off

the main lobby of Centennial Hall. Meal plan information is available online at: www.uwec.edu/dining as well as social media.

Event Services and Conferences

Responsible for all non-academic reservations on campus, Event Services is the University's centralized event planning organization. Event Services works with students, staff and the community to plan conferences, meetings and other events on and off campus, and works with administrative offices and academic departments in executing programs that support the educational mission of the University. An array of event technology is available, and the office assists with dining services, parking, and other needs. Event Services directs a highly responsible student staff trained in all aspects of safety and event production to ensure the well-being of all users of campus facilities. Professional video, lighting, sound & staging are available for events on and off-campus. Event Services also directs the annual Viennese Ball, the largest social event presented at the University of Wisconsin-Eau Claire.

Marketing and Communication

The Marketing and Communications staff takes great pride in being the visual and written communicators of University Centers and are privileged to work with a large group of clients as well as a diverse combination of programming. They are connected to the entire picture from creation to completion. Covering a large number of topics, programs, events and services, they work with every unit of University Centers and collaborate with offices/departments throughout campus as well as a variety of off-campus clients.

- **Copywriting** — Writes and maintains all information for the complex network of University Centers websites (Activities, Involvement and Leadership, Blugold Card Services, University Bookstore, Blugold Dining, Event Services, Printing Services, Service Center, University Centers). Maintain the University Centers' and UW-Eau Claire's editorial standards.
- **Graphic Design** — Designs and produces high-quality print, electronic and online materials that clearly communicate with each unit's various audiences.
- **Digital Signage** — Administers the Davies Center digital signage system, comprising meeting room schedule displays, the media wall, and widescreen displays that promote events by student organizations, academic departments and administrative offices.
- Supports special events by external clients who contract Davies Center facilities through Event Services.
- **Photography** — Creates original photography for programs, services and facilities for print and electronic publications and the University Centers network of websites.
- **Social Media** — Assists in maintaining the various social media sites for University Centers

University Bookstore and Textbook Rental

Located on two levels of the Davies Center, the University Bookstore sells a variety of course-related and general interest reading materials, gifts and University clothing, greeting cards, and school, art, computer, and office supplies. Gift certificates and a special order service for books and merchandise are also available. Cash, credit card, and Blugold Account purchases are welcome.

UW-Eau Claire undergraduates may rent textbooks and other course materials from the University Bookstore's Textbook Rental Department, which is funded by a designated portion of undergraduate tuition. Textbooks and other teaching resources are selected by instructors for each course and are arranged by department and course number on the bookstore's upper level. Several weeks are set aside every semester when rental materials may be purchased for

75 percent of their replacement price, giving students the opportunity to build their professional libraries.

University Printing Services

University Printing Services (UPS) provides affordable and convenient printing and production services for students, faculty/staff, academic departments and administrative offices, and the public. Printing Services offers competitive pricing on business cards, presentation materials, posters, labels, envelopes, postcards, brochures, booklets and much more. High-speed black-and-white digital copies, high-quality color copies, large-format printing and a range of bindery services are among the services offered. Student graphic designers are on staff to create custom materials such as resumes, graduation, wedding or special occasion save the date cards, invitations and thank you cards. Printing Services accepts walk-up and online orders, and provides pickup and delivery of departmental orders to all campus buildings. Cash, Blugold Account, campus account, and credit cards are welcome.

Printing Services manages the contracts that provide copiers campus-wide for student and office/departmental use. UPS is the designated agency printing manager for UW-Eau Claire, responsible for ensuring that all off-campus printing using state monies is purchased in accordance with state law and policy. Custom course packs are produced here and made available through the University Bookstore.

University Service Center

The Service Center plays a key role in University communication, acting as the central source of University information as well as answering the campus' main phone line. The area offers one-stop convenience for many essential services. Credit card and Blugold Account purchases are welcome.

- Tickets — The University's centralized ticket office works with organizations, academic departments, Blugold Athletics and other administrative offices to produce and sell tickets to campus events. Tickets for basketball, hockey, football, concerts, lectures and other campus programs are available at the Service Center, and bargain movie passes for community theatres also can be purchased in advance.
- Postal Services — The Service Center offers U.S. Postal Service domestic and limited international mail services. A United Parcel Service (UPS) drop box is also available outside Davies Center.
- Information Services — Campus information including directory assistance, activities information, campus/community maps and brochures can be found at the Service Center. The Service Center manages the sale board in Davies Center, as well as its online site; gives vending machine refunds, and provides the campus-wide lost and found. Notary Public services are available.

University Student Governance and Organizations

- Involvement in campus organizations is an important part of the university's total education program. These groups offer social and service opportunities for their members, the university, and the community at large. Membership can broaden acquaintances, develop leadership ability, build decision-making and problem-solving skills, and complement classroom instruction. Visit uwec.orgsync.com (<http://uwec.orgsync.com>) for the current list of Student Organizations in the following categories:

Academic
Departmental
Greeks
Leadership
Media
Multicultural

Performing Arts
Political
Professional
Recreational
Religious
Service
Special Interest
Sport Clubs
Student Government
Student Senate
Administrative Committees
Residence Hall Government

Veterans Services

The University is approved by the State Approval Agency for the education of veterans and veterans' dependents under both federal and state programs. The Veterans and Military Benefits Office (Schofield 128) advises veterans and eligible dependents on available state and federal veterans educational programs and assists them in applying for educational benefits. Veterans are also encouraged to use this office to seek assistance related to veterans' issues and as a referral resource.

Students requesting veterans benefits should meet with the staff of the Veterans and Military Benefits Office to set up their benefits program(s). Students using veterans educational benefits are required to complete the Veterans Information Sheet (obtained from the Veteran Benefits website www.uwec.edu/registrar/student/vetbenefits.htm) after registering for classes each semester. Students also need to keep this office apprised on any changes in their enrollment status. For more information, visit www.uwec.edu/registrar/student/veterans-and-military-education-benefits.htm (<http://www.uwec.edu/registrar/student/veterans-and-military-education-benefits.htm>).

Women's & LGBTQ Resource Center

- The Women's & LGBTQ Resource Center speaks out on behalf of women as well as the LGBTQ community, who have historically been and continue to be marginalized because of sexual and/or gender expression/identity. Our endeavor to promote the University of Wisconsin-Eau Claire's institutional commitment to Equity, Diversity, and Inclusiveness is reflected in all Women's & LGBTQ Resource Center programs and services, and our staff provides resources, information, and programming in collaboration with existing departments, advisory committees, organizations, and offices.
- The Women's & LGBTQ Resource Center offers numerous opportunities for student involvement. Whether an internship, a service-learning opportunity, or simply as a volunteer, students can participate in any of the programs or events. Such programs/events include (but are not limited to): National Coming Out Day, Love Your Body Day, Peer Haven (UW-Eau Claire's premier LGBTQ peer mentoring program), Women's History Month, Take Back your Voice from Violence (Sexual Assault Awareness Month), National Day of Silence, The Fire Ball...and many more. For more information, visit www.uwec.edu/speakout (<http://www.uwec.edu/speakout>).

University Honors Program and Courses

University Honors Program

The University Honors Program enables high-achieving, high-potential, highly motivated students to go as far in their intellectual and professional development as possible in four years of undergraduate study. The program offers a dynamic, inclusive, innovative learning community in which students

and faculty from every university college and program learn and work together closely in an atmosphere of common intellectual enterprise, mutual respect, and the free exchange of ideas. The program offers an enhanced education, enabling students to integrate Honors Liberal Education courses, Honors interdisciplinary seminars, Honors work in their major and minor programs, and Honors experiential learning opportunities into a coherent, individualized, high-value whole.

Honors at UW-Eau Claire has two components: University Honors and Departmental Honors. Students may be graduated with Honors by completing one component or both. Honors Program participation and completion are documented on students' University records.

University Honors. In small classes designed to stimulate and challenge students of high ability and high potential, and in special sections of regular university courses, honors students are provided opportunities for close interaction with faculty and with other honors students.

Admission to the University Honors Program. There are several ways to gain admission to the University Honors Program. (1) Incoming freshmen are invited based on scores achieved on either the ACT or SAT and their academic standing in their high school graduating classes. (2) Students admitted to UW-Eau Claire with at least a 26 ACT composite score, rank in class of top 10% or higher, or 3.75 high school GPA will automatically be considered for admission to Honors in a holistic review process. (3) Students who have completed at least 14 academic credits at UW-Eau Claire may be admitted after demonstrating superior academic performance including attaining at least a 3.66 GPA. (4) Students highly motivated to do Honors work may petition the University Honors Council for admission. Consult the Director of the University Honors Program for more information.

Requirements. A student may be graduated with University Honors by meeting the following requirements:

1. Attainment of a resident and total GPA of at least 3.50.
2. Completion of one-credit first-year seminar, HNRS 100, or an Honors FYE (First-Year-Experience course).
3. Completion of at least 24 credits of Honors colloquia and Honors electives or completion of at least 21 credits of Honors colloquia *and* Honors electives and either HNRS 410 *or* HNRS 420. At least two (2) of the Honors colloquia/Honors elective courses completed must be at the 300-level or above. These courses may be used to meet Liberal Education, major, or minor requirements as well as the requirements of the University Honors Program.
4. Completion of HNRS 400 (one credit).

Honors Program courses may not be audited or taken for a satisfactory/unsatisfactory grade.

One course transferred with an AP score of at least 4, or an IB score of at least 5, may be substituted for one of the required Honors courses.

An appropriate designation will be placed on a student's record upon completion of Honors courses and of the program. Credits earned in Honors courses meet graduation requirements whether or not the program is completed. A current schedule of available Honors courses may be obtained from the Director of the University Honors Program or on the Honors Program website: <https://www.uwec.edu/academics/university-honors-program/academic-offerings/honors-courses/>.

Department or College Honors. A growing number of departments offer students the opportunity to earn honors in their major programs. These programs include the departments of Accounting and Finance, Biology, Chemistry, Communication Sciences and Disorders, Computer Science,

Economics, English, Geography and Anthropology, Geology, History, Management and Marketing, Mathematics, Music and Theatre Arts, Nursing, Philosophy and Religious Studies, Physics, Political Science, Social Work, and Sociology. In addition, the programs in Criminal Justice and in Spanish also offer Honors programs.

For information on departmental or college honors programs, consult department or college descriptions in this catalog or inquire at department or college offices, or get in touch with the Director of the University Honors Program.

Honors Seminars

HNRS 100 First-Year Honors Seminar (1 cr)

Prerequisite: Limited to students in the University Honors Program.

Introduction to the University and to expectations of an Honors baccalaureate degree. Explores the value of a liberal education, the skills and knowledge needed to be an educated person, the roles of the University Honors Program and university requirements.

Attributes: Honor Course
Grading Basis: A-F Grades Only

HNRS 400 Senior Honors Seminar (1 cr)

Prerequisite: Limited to students in the University Honors Program. Senior standing, or Department Consent Required. If repeated, the second course can count toward the required 24 credits of Honors colloquia and electives.

A capstone course that explores students' undergraduate experiences, the value of a liberal education, and the value of an Honors education. Prepares Honors students for post-graduate opportunities.

Attributes: GE IV Humanities, Honor Course, Capstone Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 2 credits
Grading Basis: A-F Grades Only

HNRS 410 Mentoring in Honors (1 cr)

Prerequisite: HNRS 100, HNRS 400, or cnrcnr enrllmnt in HNRS 400. Minimum jr standing. Limited to students in the University Honors Program. With permission from the Director of the University Honors Program, credit may be earned in both HNRS 410 and HNRS 420.
Consent: Department Consent Required

Assist in instruction of Hnrs 100, the First-Year Honors Seminar. Focus on the value of a baccalaureate education and on what constitutes an educated person. Open to juniors and seniors with permission of the Director of the University Honors Program.

Attributes: GE IV Humanities, Honor Course, Service-Learning, Full 30 Hours, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only

HNRS 420 Tutoring in Honors (1 cr)

Prerequisite: Minimum junior standing. Limited to students in the University Honors Program. With permission from the Director of the University Honors Program, credit may be earned in both HNRS 410 and HNRS 420.

Consent: Department Consent Required

Assist in instruction of an Honors course previously completed. Open to juniors and seniors with permission of the Director of the University Honors Program.

Attributes: GE III Social Science, Honor Course, Service-Learning, Full 30 Hours, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only

Honors Colloquia

These are courses especially designed for honors students and usually embrace more than the approach of a single academic discipline. Every Honors colloquium meets Liberal Education and General Education requirements.

The content of colloquia varies from semester to semester and each section of an HNRS colloquium course number is a unique course.

HNRS 101 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.

A course involving language, communication and/or analytical skills.

Attributes: Cultural Diversity Variable, GE IA Communication-Language Arts, Honor Course, LE-S1 Written and Oral Communication, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only

HNRS 102 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.

Focuses on topics in the natural sciences.

Attributes: Cultural Diversity Variable, GE II Natural Sciences, Honor Course, LE-K1 Natural Sciences, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 103 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.

Examines topics involving the social sciences, including anthropology, economics, cultural geography, political science, psychology, and sociology.

Attributes: Cultural Diversity Variable, GE III Social Science, Honor Course, LE-K2 Social Sciences, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 104 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.

A humanities course concerned with disciplines such as art, literature, history, music, philosophy, religious studies, and theatre arts.

Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-K3 Humanities, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 105 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.

A course with foundations in the College of Business, Education and Human Sciences, or Nursing and Health Sciences; or a course that crosses General Education categories I-IV.

Attributes: Cultural Diversity Variable, GE V University Wide, Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 106 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.

A fine arts course concerned with the use of knowledge, historical perspectives, theories, or methods appropriate to the fine arts.

Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-K4 Fine Arts, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 107 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.

Course integrates learning across disciplines within and beyond campus.

Attributes: Cultural Diversity Variable, Honor Course, LE-I1 Integration, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 108 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.

Course focuses on diversity, equity, and inclusivity.

Attributes: Cultural Diversity Variable, Honor Course, LE-R1 Equity, Diversity, and Inclusivity, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 109 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.

Course focuses on systems, institutions, and issues in local and global contexts and across cultures.

Attributes: Cultural Diversity Variable, Honor Course, LE-R2 Global Perspectives, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 110 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.

Course focuses on civic agency, social change, or environmental.

Attributes: Cultural Diversity Variable, Honor Course, LE-R3 Civic and Environmental Issues, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 301 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.

An upper-division course involving various contexts of communication and language, including information sources and technology.

Attributes: Cultural Diversity Variable, GE IA Communication-Language Arts, Honor Course, LE-S1 Written and Oral Communication, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 302 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.

An upper-division course that focuses on topics of the natural and physical world.

Attributes: Cultural Diversity Variable, GE II Natural Sciences, Honor Course, LE-K1 Natural Sciences, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 303 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.

An upper-division course that examines topics involving the social sciences, including anthropology, economics, cultural geography, political science, psychology, and sociology.

Attributes: Cultural Diversity Variable, GE III Social Science, Honor Course, LE-K2 Social Sciences, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 304 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.

An upper-division humanities course concerned with disciplines such as history, philosophy, religious studies, and literature.

Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-K3 Humanities, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 306 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.

An upper-division humanities course concerned with use of knowledge, historical perspectives, theories, or methods appropriate to the humanities.

Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-K4 Fine Arts, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 307 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.

An upper-division course which integrates learning across disciplines within and beyond campus.

Attributes: Cultural Diversity Variable, Honor Course, LE-I1 Integration, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 308 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.

Course focuses on diversity, equity, and inclusivity.

Attributes: Cultural Diversity Variable, Honor Course, LE-R1 Equity, Diversity, and Inclusivity, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 309 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.

Course focuses on systems, institutions, and issues in local and global contexts and across cultures.

Attributes: Cultural Diversity Variable, Honor Course, LE-R2 Global Perspectives, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 310 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.

Upper-division course focuses on civic agency, social change, or environmental challenges.

Attributes: Cultural Diversity Variable, Honor Course, LE-R3 Civic and Environmental Issues, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

Honors Special Experience Courses**HNRS 275 Honors Study Abroad Experience-Freshmen and Sophomores (1-4 crs)**

Prerequisite: Limited to students in the University Honors Program. Freshman or sophomore standing.

Consent: Department Consent Required

Honors study abroad experience for freshmen and sophomores.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 295 Honors Directed Study-Freshmen and Sophomores (1-4 crs)

Prerequisite: Limited to students in the University Honors Program. Freshman or sophomore standing.

Consent: Department Consent Required

Study of a problem or topic in collaboration with a faculty member in the discipline.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 298 Honors Internship Experience-Freshmen and Sophomores (1-4 crs)

Prerequisite: Limited to students in the University Honors Program. Freshman or sophomore standing.

Consent: Department Consent Required

Honors internship experience for freshmen and sophomores.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 299 Honors Independent Study-Freshmen & Sophomores (1-4 crs)

Prerequisite: Limited to students in the University Honors Program. Freshman or sophomore standing.

Consent: Department Consent Required

Individual research, scholarly, or creative projects under the supervision of a faculty member.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 375 Honors Study Abroad Experience-Juniors (1-4 crs)

Prerequisite: Limited to students in the University Honors Program. Junior standing.

Consent: Department Consent Required

Honors study abroad experience for juniors.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 395 Honors Directed Study-Juniors (1-4 crs)

Prerequisite: Limited to students in the University Honors Program. Junior standing.

Consent: Department Consent Required

Study of a problem or topic in collaboration with a faculty member in the discipline.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 398 Honors Internship Experience-Juniors (1-4 crs)

Prerequisite: Limited to students in the University Honors Program. Junior standing.

Consent: Department Consent Required

Honors internship experience for juniors.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 399 Honors Independent Study-Juniors (1-4 crs)

Prerequisite: Limited to students in the University Honors Program. Junior standing.

Consent: Department Consent Required

Individual research, scholarly, or creative projects under the supervision of a faculty member.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 475 Honors Study Abroad Experience-Seniors (1-4 crs)

Prerequisite: Limited to students in the University Honors Program. Senior standing.

Consent: Department Consent Required

Honors study abroad experience for seniors.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated for a maximum of 8 credits

Grading Basis: A-F Grades Only

HNRS 490 Honors Senior Thesis or Project (1-6 crs)

Prerequisite: Limited to students in the University Honors Program. Senior standing.

Consent: Department Consent Required

Research and writing/preparation of Honors Senior Thesis or Honors Senior Project.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

HNRS 495 Honors Directed Study-Seniors (1-4 crs)

Prerequisite: Limited to students in the University Honors Program. Senior standing.

Consent: Department Consent Required

Study of a problem or topic in collaboration with a faculty member in the discipline.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated for a maximum of 8 credits

Grading Basis: A-F Grades Only

HNRS 498 Honors Internship Experience-Seniors (1-4 crs)

Prerequisite: Limited to students in the University Honors Program. Senior standing.

Consent: Department Consent Required

Honors internship experience for seniors.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated for a maximum of 8 credits

Grading Basis: A-F Grades Only

HNRS 499 Honors Independent Study-Seniors (1-4 crs)

Prerequisite: Limited to students in the University Honors Program. Senior standing.

Consent: Department Consent Required

Individual research, scholarly, or creative projects under the supervision of a faculty member.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated for a maximum of 8 credits

Grading Basis: A-F Grades Only

Academic Policies and Regulations

The academic policies and regulations applies to all undergraduate students. Students are responsible for knowing and following the policies and regulations stated in this section of the catalog and for satisfying all degree requirements.

Academic Definitions

Credits

The unit of credit is the semester hour. It is defined as one class hour per week (or its equivalent) for one semester. Thus, a lecture-discussion course which meets three hours per week ordinarily carries three semester credits. Laboratory and studio classes usually require two hours in class as the equivalent of one semester credit.

Credit Load

Since a student is expected to spend approximately two hours in preparation for each hour in the classroom, 15 credits is considered a normal semester load (for the spring and fall semesters, or proportionate amounts for shorter courses) for undergraduates. Eighteen credits is the maximum for which a student may register without obtaining special permission. Registration for more than 18 credits (including audits) may be permitted by the Associate Dean of the College in which the student is enrolled, if the student has a resident GPA of at least 3.00 and if other conditions make the overload advisable. (In the Summer and Winterim Sessions, all students may take a maximum of as many credits as the number of weeks they are attending. Contact Blugold Central regarding exceptions.)

Classification of Students

Enrollment Status

Spring and Fall Semesters

Status	Undergraduate	Graduate
Full-time	12 or more credits	9 or more credits
3/4 time	9-11 credits	-
1/2 time	6-8 credits	4-8 credits
Less than Half-time	Less than 6 credits	Less than 4 credits

Winterim Session

Status	Undergraduate	Graduate
Full-time	2 credits	2 credits
1/2 time	1 credit	1 credit

Summer Session

Status	Undergraduate	Graduate
Full-time	12 or more credits	6 or more credits
1/2 time	6-8 credits	3-5 credits
Less than half-time	Less than 6 credits	Less than 3 credits

NOTE: Audits are excluded from credit totals.

Full-time Equivalent Enrollment Status

The following definitions apply to the full-time equivalency (FTE) enrollment status.

Undergraduate Students

Students may enroll in a course/internship that is the equivalent of 36 hours per week for 15 weeks (36 hours per week for 11 weeks in the Summer term) to be considered a full-time equivalent for enrollment purposes.

Graduate Students

Students may enroll in a course/internship that is the equivalent of 27 hours per week for 15 weeks (24 hours per week for 11 weeks in the Summer term) to be considered a full-time equivalent for enrollment purposes.

Special Students

Students who are not formally admitted to the University are classified as special students. Registration as an undergraduate special student and Youth Option/High School special students is limited to twelve credits during fall and spring semesters. During the Summer and Winterim Sessions, all specials may take a maximum of as many credits as the number of weeks they are attending.

Class Level

Students attain class level according to the number of semester credits earned:

Freshman:	fewer than 30 semester credits.
Sophomore:	30-59 semester credits.
Junior:	60-89 semester credits.
Senior:	90 or more semester credits.

Credit-Bearing Certificate Programs

Certificate programs may be earned by degree-seeking students or by community members who are not pursuing a University degree. Guidelines and standards are identical for both populations.

For those not seeking a degree, these programs offer an opportunity for an individual to earn college credit and advance toward a credential that certifies a significant level of achievement within a prescribed area. As the rate of change in the workplace accelerates, more people find it necessary to engage in continuous learning to meet the challenges of new duties and responsibilities, or career changes. Often the need is for in-depth study that goes beyond what is generally provided in noncredit professional development activities. Credit-bearing certificate programs are of particular value since the program is verified by a university transcript.

For degree-seeking students, a certificate program can be pursued to demonstrate expertise in a particular academic field. Successful completion of a certificate program may serve to satisfy graduation requirements for a second program of study or to add credentials beyond any other required programs.

Certificate programs include a minimum of 12 credits for undergraduate certificates (fifteen credits for graduate certificates) and a maximum of 18 credits. A 2.00 GPA is the university minimum requirement for completion of undergraduate certificate programs (3.0 GPA required for graduate certificates).

At least 25 percent of the credits applied to the certificate program requirements must be taken in residence (50 percent for graduate certificates). Departments/programs or colleges proposing certificate programs have the right to specify

1. admission requirements for entry into a certificate program,
2. minimum GPA requirements for courses included in the program,
3. GPA requirements for certificate completion above the university minimum, and
4. applicability of the S/U option, if any.

Specific certificates and their requirements are listed within the applicable department/program or college section of the catalog.

Registration

Overview

The University provides online registration for all students. Each student is assigned a registration time based upon credits earned. A notification that registration times have been assigned is sent to each student via email prior to registration. Students can view assigned registration times on CampS (<https://my.uwec.edu/psp/CS90PRD/EMPLOYEE/HRMS/?cmd=login>). Registration begins in November for the Spring semester, in October for Winterim, in February for Summer Session, and in April for Fall semester. Advising is required prior to registration for

1. all freshmen and sophomores,
2. juniors and seniors on academic warning or probation,
3. transfers seeking a first degree, and
4. all students with a major in the College of Business regardless of classification or academic standing.

Students must pay a deposit prior to registration for Fall, Winterim, Spring, and Summer.

New freshmen register in the summer during their freshman orientation sessions.

Late Registration. A student may enroll for full semester courses after the regular registration period but within the first two weeks of classes. (The instructor's permission is required during the second week of classes.) Thereafter, any registration must be sanctioned by the Associate Dean of the appropriate College.

Change of Registration. After registration, courses may be added or dropped or sections changed under the regulations established for this purpose by faculty policy.

Adding courses. Students who wish to add courses during the first week of classes may do so using CampS. After the first week of classes, students must obtain the Change of Registration form from Blugold Central and return the completed form to that office.

Withdrawing from courses. A student who wishes to withdraw from a full-semester course during the first two weeks of classes (no record of enrollment) may do so on CampS without the instructor's or adviser's signature. After the second week of classes, students must obtain the Change of Registration form from Blugold Central and return the completed form with signatures to that office. Courses that are not a full semester in length, including Winterim and Summer courses, have earlier withdrawal deadlines. These deadlines can be obtained from CampS, or the Blugold Central.

A change becomes official only when it has been processed by Blugold Central. (See also Withdrawals. (p. 41))

Enrollment of Undergraduates for Graduate Credit

Upon the recommendation of the student's adviser, course instructor, and chair of the department offering the course, a University of Wisconsin-Eau Claire undergraduate student may be allowed to enroll in a limited number of graduate courses, provided he or she has a 3.00 undergraduate GPA and has the approval of the College Dean. Qualified students may take up to, but not exceed, a total of nine credits of graduate-level course work. The graduate

credits cannot be used to satisfy requirements for the bachelor's degree. Application forms for enrollment in graduate courses as an undergraduate may be obtained from Blugold Central.

Auditing Courses

Registering to audit a course permits a student to participate in the class without earning credit. This privilege is helpful to students who wish to review introductory work, especially after a considerable period of absence from the campus. Others choose to audit courses for reasons of personal interest and the enjoyment of learning.

Some courses may be designated by departments or Colleges as unsuitable or unavailable for auditing. In all courses open to auditors, the following conditions apply:

1. Students seeking to register for credit are given priority over auditors.
2. An auditor must pay any basic fee required for auditing under the current tuition rates and any special fees applicable to the course. Auditors who wish to have student ID privileges also pay campus (segregated) fees.
3. Audited courses are included in the student's credit load for the term when determining overloads. If auditing a class results in an overload (e.g., more than 18 semester credit hours for undergraduates) students need approval of the Associate Dean of the appropriate College.
4. Audited courses are not included in the student's credit load for the term when determining full- or part-time status. (See Classification of Students. (p. 38))
5. Initial registration to audit a course is not included in the total semester registration for the purposes of determining satisfactory academic progress. (See Academic Standing and Progress. (p. 42))
6. Enrollment on an audit basis may not be changed to a credit basis, or vice versa, after the approved period for adding classes.
7. The auditor must consult the instructor of the course to determine the conditions for a successful audit. Some courses cannot profitably be audited without participation in class activities; the instructor must indicate how much and what kind of participation is required.
8. Upon successful completion of an audit, the mark of V will be entered on the student's record. Failure to meet the instructor's conditions will be recorded as UV; withdrawal from the course will be recorded as WV. These marks are not course grades and are not computed in GPAs.
9. Students who are auditors-only and who do not pay campus (segregated) fees have access limited to the library, computing services, and the nonsegregated fee-funded activities of the student union. No additional fee is charged for such access.
10. Students are not eligible for financial aid for audited courses.

Auditors over age 60 and SSI/SSDI auditors. Residents of Wisconsin who are 60 years of age and older or who meet certain disability requirements may audit courses on a space-available basis at no charge for tuition. Other fees, however, will be assessed. Persons 60 years of age and older as of the first day of classes must show proof of birth date. Persons with disabilities must provide a copy of documents proving eligibility for benefits under the federal Supplemental Security Income (SSI) program or the federal Social Security Disability Insurance (SSDI) program.

Satisfactory/Unsatisfactory (S/U) Registration

Registration for a grade of Satisfactory or Unsatisfactory, instead of the usual letter grades, permits students to venture into elective areas with less risk to GPAs; however, the potential disadvantages should be carefully weighed. Some institutions, particularly graduate and professional schools, will not

accept the grade of S in transfer. Furthermore, S/U registration is restricted on many programs at UW-Eau Claire, and the responsibility for determining its acceptability rests with the student.

Eligibility. The option of S/U registration is open only to students with sophomore standing or above and a resident GPA of 2.00 or higher. (Exception: any student may enroll in a physical activity course on the S/U basis.)

Procedures. S/U registration must be designated by the student no later than the approved period for dropping courses with no record.

S/U registration may not be changed to the standard grading system, or vice versa, after the approved period for dropping courses with no record. An S/U course may be dropped in accordance with University rules.

S/U Grades. The grade of S is equivalent to at least a C or above in the standard grading system; it denotes that the student's work was satisfactory and that credit is granted for the course. The grade of S is not computed in the student's semester and resident GPAs.

The grade of U indicates work below the level of a C in the standard grading system. No credit is granted. However, the grade of U is not computed in the student's semester and resident GPAs. When repeating a course initially taken on the S/U basis, the student must also repeat the course on the S/U grade basis. (See Repeating UW-Eau Claire Courses. (p. 40))

Reporting of Grades. Instructors will record standard letter grades for all students; the conversion to a grade of S or U will be made by the Registrar's Unit.

Restrictions.

1. A student may carry no more than one course on the optional S/U basis for degree credit in any term of enrollment. (Exception: any student in any term of enrollment may enroll in one or more physical activity course(s) on an S/U basis and still take one other degree credit course on an S/U basis. Certain Education field work courses also require multiple S/U enrollments. The student, however, must be otherwise eligible to take the additional degree credit course on an S/U basis.)
2. No more than one course taken on the S/U basis may be counted toward a standard major or a minor. No more than two S/U courses may be counted toward a comprehensive major. Colleges and departments may place further restrictions on major, minor, or professional programs and sequences, and dean's list criteria also vary by college.
3. No more than 12 credits of S/U courses will be counted toward the total for graduation.

Policy on Remedial Education

New freshmen whose Algebra score on the UW System Mathematics placement examination is below 396 are required to take a remedial mathematics course (MATH 10 or MATH 20). Required remedial mathematics courses must be successfully completed before a student has earned 30 credits or registration will be denied.

Repeating UW-Eau Claire Courses

The privilege of repeating course work allows students to attain a satisfactory level of achievement in courses in which they initially encountered difficulties. Because a course can be repeated only once, students will discuss with their academic advisers the reasons for their low grade or W in the course before attempting the course a second time. It is the student's responsibility to obtain assistance to sharpen their skills or resolve the problems that led to poor performance or noncompletion the first time they took the course. If the low grade was earned in a course which is a prerequisite to another course,

students are urged to repeat the prerequisite course before enrolling and risking poor performance in the other course.

The repeat privilege applies only to courses taken at UW-Eau Claire (whether taken originally at UW-Eau Claire or elsewhere) for which a grade of C- or below or a W was initially earned. Registration for a repeated course must be on the same basis (letter grade or Satisfactory/Unsatisfactory) as the original course.

A course in which a grade of C- or below or a W was originally earned may be repeated once. The new grade will replace the previous grade in computing GPAs, but both the initial grade and the repeated grade will appear on the student's official transcript.

NOTE: In extenuating circumstances, the Associate Dean of a College in which the student is enrolled may give permission for the second repeat of a course. Such permission may be requested upon recommendation of the student's academic adviser. The Associate Dean determines whether the grade earned in the second repeat will replace previous grades or will be averaged with previous grades earned in that course in computing GPAs. All three grades will appear on the student's official transcript.

Attendance/Leave Withdrawals

Withdrawing from a Course. Students who wish to drop a full term course during the first two weeks of classes may do so without their instructors' or advisers' signatures. After the second week of classes (or a proportionate period of time for shorter courses—see CampS (<https://my.uwec.edu>) for exact dates), students who wish to withdraw from a course must obtain a Change of Registration form from the Blugold Central, secure the signature of their faculty advisers and instructors for the course, and return the form to Blugold Central. A student is not considered withdrawn until the proper form has been processed by Blugold Central. A student who stops attending a class without withdrawing officially may receive a grade of F for the course, and may owe a repayment on financial aid received.

No withdrawals are permitted after the beginning of the eleventh week of classes. Deadlines are adjusted proportionately for shorter courses, including Winterim and Summer Session courses, except in extenuating circumstances as determined by the Associate Dean of the College in which the student is enrolled. Up to that time, official withdrawals from full term courses are recorded as follows:

During the first two weeks of classes—no record of enrollment.

Third week through the tenth week—recorded as W.

Calendar dates of withdrawal deadlines are published each semester on CampS (<https://my.uwec.edu>), on the Registration Calendars (<http://www.uwec.edu/Registrar/calendar>), and can be obtained from Blugold Central.

Withdrawing from the University. Students wishing to withdraw from *all their classes within the first two weeks* of the term should complete the Withdrawal from Classes eform. Students withdrawing from *all classes after the first two weeks* of the term are required to meet with a Dean of Students staff member prior to withdrawing from classes.

If a student withdraws from the University during the first two weeks of classes, only the date of withdrawal will be recorded. No record of specific course enrollment will be made. If a student withdraws from the University from the third through tenth weeks, the grade of W will be recorded for each course remaining unfinished. The calendar date of the deadline for withdrawal from courses is available on CampS.

If a student withdraws from the University after the deadline for withdrawing from courses, a grade of F will be recorded for each course remaining unfinished, except in extenuating circumstances as determined by the Associate Dean of the College in which the student is enrolled. A student who stops attending classes without officially withdrawing (at any time in the term) may also receive failing grades.

An undergraduate student who withdraws and is not subsequently subject to suspension may return for the next regular academic semester without making formal application for readmission to the University.

Fee refund deadlines and corresponding amounts of refund can be found on the Business Office website (<http://catalog.uwec.edu/undergraduate/academic-policies-regulations/registration/%20http://www.uwec.edu/Busoff/studentfinancials/refundover.htm>). Financial aid recipients who withdraw before 60 percent of the semester has been completed are subject to federal financial aid repayment regulations and may owe a repayment of aid, even if not entitled to a tuition refund. The amount of aid a student may keep is in direct proportion to the length of time the student remained enrolled during the semester. Assistance is also available from Blugold Central and the Student Affairs and Dean of Students Office.

Leave of Absence

After one full-term semester of non-enrollment, students remain active and eligible to enroll and will automatically receive an enrollment date to register. Students taking credits while not attending UW-Eau Claire, must send their official transcript upon reenrollment. Transfer work is critical and may affect academic progress, academic standing, financial aid eligibility, and graduation. Official transcripts should be sent electronically via secured transmission (not email) to the University of Wisconsin-Eau Claire Admissions.

All students who have been away from the University for two consecutive full-term semesters or more must file a reentry application (<http://www.uwec.edu/admissions/apply/application-process/other-student/#readmit-reentry-student>). As a reentry student, a \$100 enrollment deposit is not required. Students seeking reentry are encouraged to make application as early as possible prior to the semester in which they wish to return. Reentry after the term starts is not guaranteed. Students returning after an absence of two or more consecutive full-term semesters must meet the degree requirements of the catalog in effect upon their return, or a subsequent catalog.

Military Leave Policy

Currently enrolled students called to active service (involuntary Federal Title 10 activations or transfers) during the course of a semester must choose one of the following options before departing for active service:

1. Withdrawal from all courses with a full refund of tuition and no record of enrollment.
2. Selective withdrawal from one or more courses with a refund of tuition.
3. Incomplete grades awarded at the discretion of the instructor.
4. Final grades may be issued if the instructor determines that the student has completed a sufficient amount of coursework.

A military leave request needs to be submitted to the Dean of Students Office. Students are granted military leave for the entire time of their military commitment.

Class Attendance Policies

All students are expected to attend all class sessions of courses in which they are enrolled. Each faculty member should inform each class in writing at the beginning of the course regarding the use of student attendance in relation to student evaluation procedures.

If a student fails to attend the first class meeting of any course without previously notifying the instructor or the department chair, the student may be dropped from that course so that the vacancy may be filled by another student from a waiting list. It remains the student's responsibility to determine their own enrollment status. Each department has a policy on first-day class attendance.

Accommodation procedures for this and other circumstances are described on the Dean of Students website (<http://www.uwec.edu/DOS/policies/attendance.htm>).

Academic Standing and Forgiveness

Academic Standing and Progress

The University expects each undergraduate (freshman, sophomore, junior, senior, or special student) to maintain a level of academic achievement consistent with University standards and to make reasonable progress toward the completion of a chosen curriculum.

The policies and regulations outlined below define the minimum academic standards of the University. Any College of the University may set a higher standard for admission, retention, or graduation from a degree program.

Good academic standing. The definition of good academic standing includes University standards for satisfactory academic progress during a semester. Academic standing is determined twice each year, once at the end of the fall semester and once at the end of the spring semester. It is not determined at the end of Summer Session or Winterim Session.

A student is in good academic standing at the end of a semester if all the following conditions are met:

1. The student's resident GPA is 2.00 or higher.
2. The student has earned a semester GPA of 2.00 or higher.

NOTE 1: An excessive number of withdrawals from courses may impact students' eligibility for acceptance into certain major programs and most types of financial aid. All students should therefore consult their advisers before withdrawing from courses.

Academic Warning. An Academic Warning is the first formal notification that a student has failed to meet one or more of the requirements for good academic standing. The notation "Academic Warning" is placed on the student's record at the end of the first semester in which any one or more of the following conditions apply:

1. The student's resident GPA at the end of the semester is less than 2.00.
2. The student's semester GPA is less than 2.00, but 1.00 or higher. (See Suspension, below.)

Only one Academic Warning is issued to a student. (See Probation, below.) Students who receive this notification should immediately consult their adviser(s) or the Student Affairs and Dean of Students Office, so that they may obtain assistance in overcoming their academic difficulties.

Probation. After receiving one Academic Warning, students will be placed on probation at the end of any subsequent semester in which they again fail to achieve good academic standing. The period of probation is one semester. Students must regain good academic standing by the end of the probationary semester in order to continue in the University. They will be removed from

probation upon regaining good academic standing. Students may be placed on probation multiple times should their academic standing require it.

Suspension. A student will be suspended from the University under either or both of the following conditions:

1. At the end of a semester of probation, the student has failed to regain good academic standing.
2. At the end of any semester, the student has a semester GPA of less than 1.00. (This regulation applies regardless of the student's resident GPA.)

A student who has been suspended is ineligible to continue in the University for a specified period of time. A first suspension is for the period of one semester. Any degree-seeking student who wishes to return to the University after the expiration of the suspension must make formal application for readmittance through the Admissions Office. Special Students who wish to return to the University after the expiration of a suspension may register through Blugold Central. Readmittance cannot be guaranteed. If the student is readmitted and fails to regain good academic standing by the end of the first semester after readmittance, a second suspension will be incurred. The second suspension is for a period of one year.

A student who has been suspended for academic reasons may request a review by a faculty committee of the College in which the student was enrolled. If the student can show that extenuating circumstances existed, the committee may recommend to the Associate Dean of the College that the student be reinstated.

Students on suspension may attend the UW-Eau Claire Winterim and Summer Sessions (including the Three-Week Summer Session) for the purpose of improving their academic records and may request an appeal of the suspension from the Associate Dean of the College at the conclusion of the session. A suspended student may not enroll as a special student at UW-Eau Claire during the fall or spring semesters until the suspension has expired. A student suspended from UW-Eau Claire may encounter difficulty in attempting to enroll at another institution.

Policies applying to transfer students. The credits transferred from other colleges and universities are used to determine the classification of a student as freshman, sophomore, etc. Transfer credits are not used, however, in computing the UW-Eau Claire resident GPA which determines the student's academic standing in subsequent semesters at UW-Eau Claire (see also Grade Point Requirements, under University Graduation Requirements (p. 49)).

A transfer student admitted in good standing is governed by the policies set forth under Academic Standing and Progress.

A transfer student admitted on probation will be removed from probation if in the first semester at UW-Eau Claire the student achieves good academic standing. Thereafter the student's status is determined on the same basis as that of a student who was admitted in good standing and who has received an Academic Warning at UW-Eau Claire.

A transfer student admitted on probation will be suspended at the end of the first semester at UW-Eau Claire if at that time the student has failed to achieve good academic standing.

Policies applying to freshmen admitted on probation. A freshman admitted on probation will be removed from probation if in the first semester at UW-Eau Claire the student achieves good academic standing. Thereafter the student's status is determined on the same basis as that of a student admitted in good standing.

A freshman admitted on probation will be suspended at the end of the first semester if at that time the student has not achieved good academic standing.

Forgiveness of Earlier Academic Record

Returning adult students who have completed university-level course work at UW-Eau Claire or elsewhere five or more years prior to seeking admission or readmission to UW-Eau Claire may be eligible for forgiveness of the earlier academic record. Forgiveness means that grades earned five or more years earlier will not be used in the computation of the total GPA at UW-Eau Claire, although such grades will continue to appear on the student's official transcript. Upon admission or readmission to UW-Eau Claire, students should meet with their advisers to discuss whether repeating courses or seeking forgiveness is the better alternative for them. If the decision is to seek forgiveness, the following conditions will apply:

1. Students must not have been enrolled in an institution of higher learning for at least five continuous years prior to admission/readmission to UW-Eau Claire **except** for completion of courses which were a precondition for admission/readmission.
2. After admission/readmission, students must earn a GPA of 2.50 or higher in the first 12 credits which count toward the minimum degree requirements at UW-Eau Claire before applying for forgiveness.
3. The request for forgiveness must be approved by the student's adviser, the Department Chair if the student has declared a major, and the Dean of the College in which the student is enrolled. The approved request will be forwarded to the Registrar.
4. If forgiveness is granted, all courses taken five or more years prior to admission/readmission (and the grades received) will continue to appear on the student's record, but the student's total GPA will be based solely on credits earned after admission/readmission to UW-Eau Claire.
5. If forgiveness is granted, all credit hours with a grade of "D-" or above earned five or more years before admission/readmission, up to a maximum of 30, may be used to satisfy degree requirements even though they are not included in the student's total GPA.
6. Forgiveness of grades earned five or more years before admission/readmission may be granted only once.

Both the academic forgiveness policy and application form are available on the Registrar's website (<http://www.uwec.edu/Registrar/student/acadforgiveness.htm>).

Grades Grading System

A system of letter grades is used except when the course is offered only on the Satisfactory/Unsatisfactory basis or when the student has elected that option. (See Satisfactory/Unsatisfactory (S/U) Registration (p. 40).)

Letter Grades

A, A-	(A = Excellent)
B+, B, B-	(B = Very Good)
C+, C, C-	(C = Average)
D+, D, D-	(D = Passing)
F	(F = Failing)

Other Marks

S	Satisfactory; equivalent to at least a C (credits earned, but not computed in the semester or resident GPA)
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U	Unsatisfactory; equivalent to a C- or below (no credits; not computed in the semester or resident GPA)
IN	Incomplete (no grade points; not computed in the semester or resident GPA)
W	Official withdrawal
V	Audit
WV	Withdrawal from Audit
UV	Unsatisfactory Audit ¹
PR	Progress
XF	Unofficial withdrawal (computed as an F)
CP	Advanced Placement, Credit by Examination
NR	No report received (temporary mark for information only)
NA	Not Applicable (notation for study abroad or National Student Exchange)

¹ See Auditing Courses. (p. 40)

Grade Points per Credit

A	4.00
A-	3.67
B+	3.33
B	3.00
B-	2.67
C+	2.33
C	2.00
C-	1.67
D+	1.33
D	1.00
D-	0.67
F	0.00

These grade point values, when multiplied by the number of course credits, give the total number of grade points earned for that particular course. In a three-credit course, for example, a grade of C yields six grade points; a grade of B yields nine; and a grade of A yields 12. The GPA is always truncated to include the two digits after the decimal point. The GPA is not rounded up based on any number from the third digit after the decimal point (if shown).

Resident Grade Point Average. The resident GPA of a student is found by dividing the total number of grade points earned at UW-Eau Claire by the total number of credits attempted. The semester GPA is computed in the same way, using only the grade points earned and the credits attempted during that semester. In computing GPAs, the following are not counted as credits attempted: courses for which S, U, W, or V is received; courses which carry no credit toward graduation (except MATH 10 and MATH 20); repetitions of courses which are eligible for a grade replacement (see Repeating Courses (p. 40)). See also Grade Point Requirements under University Graduation Requirements (p. 49).

Upon Degree Completion. Upon the completion of a degree the GPA is final and is associated with that degree. Any credits earned after the award of a degree is calculated as its own GPA and is not included with the previous degree's GPA.

Incompletes

An incomplete (IN) is a temporary mark which may be granted when, for reasons acceptable to the instructor, a student has been unable to complete a

portion of a course in the normal time period. Both the final grade, and the fact that an incomplete had been assigned and removed will appear on the record.

Procedures. It is the student's responsibility to initiate a request for an incomplete with the instructor. If the request is approved, the instructor will indicate the conditions for the removal of the incomplete, including the date for submitting all work due so that it may be evaluated before the reporting deadline. The instructor will submit the incomplete to the Registrar's Unit, as well as a grade to be recorded as the permanent grade for the course in case the incomplete is not removed.

Removal of Incompletes. An incomplete is removed when the student submits all work due and the instructor reports a new grade for the course. The deadline for the instructor to report the removal of an incomplete is the end of the tenth week of classes of the first regular semester following the granting of the incomplete, regardless of whether the student is enrolled in the University at that time.

If the incomplete has not been removed by the reporting deadline, the default grade submitted with the incomplete will be recorded as permanent unless the instructor authorizes the continuation of the incomplete. If a continued incomplete has not been removed by the reporting deadline (end of the tenth week of classes) in the next semester, it will be replaced by the default grade.

NOTE 1: The mark of IN (incomplete) is not a course grade. An excessive number of incompletes may affect both the academic standing of students (see Good Academic Standing (p. 42)) and their eligibility for certain types of financial aid.

NOTE 2: In case of illness or other emergency reported through the Associate Deans of Students, the Associate Dean of the College in which the student is enrolled may approve the granting of incompletes which will not adversely affect the student's academic standing. When such approval is given, the Dean or Associate Dean will ordinarily recommend that the student's credit load for the next semester be appropriately reduced.

Progress and Grade Reports

Faculty policy provides that students shall be informed of their progress in the courses for which they are registered. In freshman-level courses, tests, or other means of evaluation should be expected early in the semester (usually at the conclusion of the first four weeks).

Mid-semester Progress Reports. Freshman students will be able to view mid-semester grade reports from each of their instructors, whatever the level of the course. Other students may individually request and receive from each instructor an indication of the general quality of their course work at mid-semester.

Semester Grade Reports. At the conclusion of each term, final grades and academic standing can be viewed on CampS (<https://my.uwec.edu>).

Academic Distinction

At the conclusion of each term, after grades have been recorded, the Provost/Vice Chancellor publishes lists of all undergraduate students who have attained Academic Distinction. To be eligible, full-time students must be in good academic standing and have completed 12 or more credits during the semester, with a semester and resident GPA of 3.20 or higher. Part-time students who meet the following criteria are also eligible:

1. initially register as part-time students (six to 11 enrolled credits),
2. complete the semester in good academic standing,
3. complete six to 11 credits during the semester, and

4. earn both a semester and resident GPA of 3.20 or higher.

Each college also maintains its own Dean's List. See the applicable college area for an explanation of Dean's List criteria.

Final Examinations

Examination week is part of the regular academic semester, and all classes are required to meet as shown in the final examination schedule. Examination schedules are available on the Registrar's website (<http://www.uwec.edu/Registrar/faculty/examsched.htm>). In the Winterim and Summer Sessions, examinations are usually given at the last scheduled meeting of the class. Each course offered for credit is concluded with a final examination unless the instructor determines that some other method of evaluation is more appropriate to the objectives of the course.

No student will be permitted to reschedule a final examination unless there are extraordinary circumstances over which the student has no control (e.g. hospitalization or military obligation). Verification of the circumstances must be furnished by the student. A student with three or more examinations scheduled for one day may request the change of an individual examination time. Changes are not allowed for reasons such as an already purchased plane ticket, leaving campus early, a family vacation, or conflict with employment; unless such work commitment existed prior to the publication of the examination schedule.

A request for a change in the time of an individual final examination must be approved by the instructor, the department chair, and the assistant/associate dean of the college in which the course is offered. Make-up examinations must be scheduled during finals week or later and must be arranged by the student with the instructor.

Transcripts

An official transcript of a student's record will be issued by the Registrar's Unit by the student's online request. No transcripts are released (except when requested by advisers or administrative officers within the University) without the permission of the student. An official transcript cannot be issued until all admission and financial obligations to the University have been met in full.

Unofficial transcripts are available to students for advising purposes and for applying for admission to professional programs. Students may also receive a degree audit report which is a report of a student's progress toward fulfilling degree requirements. All documents are available via CampS (<https://my.uwec.edu/psp/CS90PRD/EMPLOYEE/HRMS/?cmd=login>).

Credit by Examination

Student may earn university credit through a variety of credit by examination options. A maximum of one-fourth of the credits required for graduation in the student's total degree program may be earned by examination and applied toward graduation. Departments may restrict the total number of credits earned by examination applicable toward their majors and minors. In no case may more than half the requirements for a major or minor be fulfilled by means of examination for credit.

Advanced Placement Program

Students who achieve a minimum score of three (3) on any of the advanced placement examinations will receive at least three credits in the appropriate liberal education category. In addition, some academic departments have approved granting specific credit. (NOTE: Course equivalencies are subject to change. Students receive the course equivalency in effect when they

matriculate.) Rather than a letter grade, students receive a mark of "CP." For prerequisite purposes this is equivalent to "a grade of C or above."

Exam Name	Minimum Score	Credits Granted
Art History	3	3 crs., LE-K4 (Fine Arts)
Art, Studio:		
General Portfolio	3	3 crs., LE-S3 (Creativity)
Drawing	3	3 crs., LE-S3 (Creativity)
Biology: General		
	3	3 crs., LE-K1 (Natural Sciences)
	4	4 crs., Biology elective LE-K1 lab (Natural Sciences)
Chemistry: General		
	3	3 crs., CHEM 100
	4	4 crs., CHEM 103
	5	8 crs., CHEM 103 and CHEM 104
Computer Science: A or AB		
	3	3 crs., CS 163
Economics:		
Macroeconomics	3	3 crs., ECON 104
Microeconomics	3	3 crs., ECON 103
English:		
Language & Composition	3	3 crs., general elective
	4	5 crs., WRIT 116
Literature & Composition	3	3 crs., LE-K4 (Fine Arts)
	4	5 crs., WRIT 116
Environmental Science	3	3 crs., BIOL 180
French:		
Language	3	16 crs., FREN 101, FREN 102, FREN 201 and FREN 202
Literature	3	16 crs., FREN 101, FREN 102, FREN 201 and FREN 202
Geography	3	3 crs., GEOG 111
German: Language	3	16 crs., GERM 101, GERM 102, GERM 201 and GERM 202
Government & Politics:		
Comparative	3	3 crs., LE-K2 (Social Sciences)
United States	3	3 crs., LE-K2 (Social Sciences)
	4	3 crs. POLS 110
History: European		
	3	3 crs., LE-K3 (Humanities)
	4	3 crs., HIST 102 and three credits LE-K3 (Humanities)
History: United States		
	3	3 crs., LE-K3 (Humanities)
	4	6 crs., HIST 114 and HIST 115
History, World		
	3	3 crs., LE-K3 (Humanities) and LE-R2 (Global Perspectives)
	4	6 crs., HIST 124 and HIST 125
Italian:		
Language & Culture	3	16 crs., Flg elective LE-K3 (Humanities)
Japanese:		
Language & Culture	3	16 crs., JAPN 101, JAPN 102, JAPN 201 and JAPN 202
Latin:		
Vergil	3	8 crs., LAT 101 and LAT 102

Literature	3	8 crs., Latin elective LE-K3 (Humanities)
Mathematics:		
Calculus AB	3	4 crs., MATH 111
	4	4 crs., MATH 114
Calculus BC	3	4 crs., MATH 114
	4	8 crs., MATH 114 and MATH 215
Statistics	3	4 crs., MATH 246
Music Theory		
	3	3 crs., LE-K4 (Fine Arts)
Physics 1		
	3	5 crs., PHYS 211
Physics 2		
	3	4 crs., PHYS 212
Physics C:		
Mechanics	3	3 crs., LE-K1 (Natural Sciences)
	4	5 crs., PHYS 231 (can be granted upon completion of PHYS 232 with a grade of B or better)
Electricity & Magnetism	3	3 crs., LE-K1 (Natural Sciences)
Psychology:		
	3	3 crs., PSYC 100
Spanish:		
Language or	3	8 crs., SPAN 101, SPAN 102
Literature	4	12 crs., SPAN 101, SPAN 102, SPAN 201
	5	16 crs., SPAN 101, SPAN 102, SPAN 201, SPAN 202
Seminar		
	3	3 crs, general elective
Research		
	3	3 crs, general elective

International Baccalaureate Examinations

The University grants credit for a score of four (4) or higher on all Higher Level International Baccalaureate examinations. Students receive the course equivalency in effect when they matriculate. Rather than a letter grade, students receive a mark of "CP." For prerequisite purposes this is equivalent to "a grade of C or above." For current equivalencies see the Academic Testing webpage: <http://www.uwec.edu/Testing/creditbyexam/baccalaureate.htm> or contact the Academic Testing Office.

College Level Examination Program (CLEP)

The University grants credit for certain examinations offered by the College Level Examination Program (CLEP). These examinations are administered nationwide. At UW-Eau Claire, they are administered by the Academic Testing Office. Students receive the course equivalency in effect when they matriculate. Rather than a letter grade, students receive a mark of "CP." For prerequisite purposes this is equivalent to "a grade of C or above." For current equivalencies see the Academic Testing webpage (<http://www.uwec.edu/Testing/creditbyexam/clep.htm>). CLEP exams fall into the following two categories.

CLEP General Examinations

The University awards credit for a satisfactory/passing score on the general examinations in Humanities, Natural Sciences, and Social Science/History, which will satisfy one experience in the appropriate LE outcome.

General Examinations should be taken before the student has completed initial enrollment in the University. They must be taken by the time the student has completed 15 semester credits of college work and before enrollment in any courses in the area to be tested. Exceptions to this rule may be made for older students with unique backgrounds. Requests for these exceptions should be directed to the Dean of the College of Arts and Sciences.

CLEP Subject Examinations

The University accepts certain subject examinations. Subject (course equivalent) examinations should be taken before a student has enrolled in the equivalent course or in any higher level course for which it is a prerequisite. With departmental permission, however, the student may take an examination for a course in which he/she is enrolled provided it is taken before the end of the first week of classes. Examinations for credit may not be used to repeat courses already attempted at or transferred to UW-Eau Claire.

DANTES

The University accepts certain DANTES examinations. A score calculated as a "B-Grade Equivalent" or better on the exam will be awarded credit. Students receive the course equivalency in effect when they matriculate. Rather than a letter grade, students receive a mark of "CP." For prerequisite purposes this is equivalent to "a grade of C or above." Course equivalent examinations should be taken before a student has enrolled in the equivalent course or in any higher level course for which it is a prerequisite. Examinations for credit may not be used to repeat courses already attempted at or transferred to UW-Eau Claire. For current equivalencies see the Academic Testing webpage: <http://www.uwec.edu/Testing/creditbyexam/DANTES.htm>.

Departmental Examinations

Certain departments offer departmentally based examinations for credit. Departments may limit the courses available for credit by examination. Departmental examinations may be taken for a grade or S/U. Departmental examinations should be taken before the student has enrolled in the equivalent course or in any higher level course for which it is a prerequisite. With departmental permission, however, the student may take an examination for a course in which he/she is enrolled provided it is taken before the end of the first week of classes. Examinations for credit may not be used to repeat courses already attempted at or transferred to UW-Eau Claire.

For information about application procedures and fees the student should consult with the chair of the department offering the course.

University Graduation Requirements

Baccalaureate Degrees

All candidates for baccalaureate degrees must meet the minimum requirements summarized below. For the specific requirements of each College and each curriculum, consult the appropriate section of this catalog.

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		
Apply for graduation on Camp5.		

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

Liberal Education Outcomes

The Liberal Education Core is designed to develop in students the skills, knowledge and values they will need to engage with highly diverse communities in a global society. Through the liberal education core, UWEC hopes to foster in every student the ability to think with intellectual rigor, creativity, and independence, to integrate and apply their knowledge, and to act as humane, thoughtful leaders in the community, the workplace, and the world of ideas. By beginning with the liberal education core and working toward its learning outcomes, students establish a strong, broad foundation around which they will build a rich baccalaureate program. Students can complete the liberal education core requirements both by taking courses and by engaging in out-of-the-classroom learning experiences.

Note: A learning experience comprises specific combinations of learning resources, tools, and activities guided by pedagogical models through which one can identify, to a certain extent, what one has learned. Learning experiences that fulfill students' liberal education core requirements include both courses and non-course activities. Examples include traditional classroom instruction as well as out-of-the-classroom engagements such as First-Year Seminars and Experiences, Living-Learning Communities, Faculty-Student Collaborative Research, Study and Research Abroad, and Service-Learning.

Knowledge Goal:

Build **knowledge** and awareness of diverse peoples and cultures and of the natural and physical world through the study of arts, histories, humanities, languages, mathematics, sciences and technologies, and social sciences.

Knowledge 1 (K1) Natural Sciences: Describe and evaluate models of the natural and physical world through collection and scientific analysis of data, and through the use of mathematical or computational methods. *Two learning experiences required. One experience in laboratory science must be selected from either Knowledge 1 or Knowledge 2.*

Knowledge 2 (K2) Social Sciences: Use knowledge, theories, methods, and historical perspectives appropriate to the social sciences to explain and evaluate human behavior and social institutions. *Two learning experiences required. One experience in laboratory science must be selected from either Knowledge 1 or Knowledge 2.*

Knowledge 3 (K3) Humanities: Use knowledge, historical perspectives, analysis, interpretation, critical evaluation, and the standards of evidence appropriate to the humanities to address problems and explore questions. *Two learning experiences required.*

Knowledge 4 (K4) Fine Arts: Use knowledge, historical perspectives, theories, or methods appropriate to the arts to describe their context, function and impact. *One learning experience required.*

Skills Goal:

Develop intellectual and practical **skills**, including, for example, inquiry and analysis, critical and creative thinking, written and oral communication, quantitative literacy, information literacy, and teamwork and problem solving.

Skills 1 (S1) Written and Oral Communication: Write, read, speak, and listen effectively in various contexts using a variety of means including appropriate information sources and technologies. *Two learning experiences required, one of which must meet the University Writing Requirement (p. 48).*

Skills 2 (S2) Mathematics: Use mathematical, computational, statistical, or formal reasoning to solve problems, draw inferences, and determine the validity of stated claims. *One learning experience required to meet the University Mathematics Requirement (p. 48). Students are encouraged to satisfy this requirement by the end of the sophomore year.*

Skills 3 (S3) Creativity: Create original work, perform original work, or interpret the work of others. *One learning experience required, which could be satisfied within a major.*

Responsibility Goal:

Apply personal and social **responsibility** for active citizenship and develop skills needed to thrive in a pluralistic and globally interdependent world.

Responsibility 1 (R1) Equity, Diversity, and Inclusivity: Use critical and analytical skills to evaluate assumptions and challenge existing structures in ways that respect diversity and foster equity and inclusivity. *Two learning experiences required, one of which must satisfy the UW System Design for Diversity (p. 48) requirement.*

Responsibility 2 (R2) Global Perspectives: Evaluate the impact of systems, institutions and issues in local and global contexts and across cultures. *One learning experience required.*

Responsibility 3 (R3) Civic and Environmental Issues: Use critical and creative thinking to address civic, social, and environmental challenges. *One learning experience required.*

Integration Goal:

Integrate learning across courses and disciplines, and between campus and community life.

Integration (I1) Integration: Apply knowledge, skills or responsibilities gained in one academic or experiential context to other contexts. *Two learning experiences required, one of which could be satisfied within a major.*

Service-Learning Goal:

Students will demonstrate learning through service to their community by applying skills and knowledge gained through university coursework and/or experiences.

30 hours are required to complete the Service-Learning (p. 48).

University Writing Requirement

Students satisfy the University Writing Requirement in one of four ways:

- completing a Blugold Seminar in Critical Reading and Writing course (WRIT 114, WRIT 116, WRIT 118, or WRIT 120) with a grade of C (not C-) or above
- achieving a suitable score on the English Placement Test (<http://www.uwec.edu/Testing/placement/upload/2016-Writing-placement.pdf>) (UW-ENGL)
- achieving a suitable score on an exam such as the Advanced Placement English Literature and Composition or Advanced Placement English Language and Composition exams
- achieving a suitable score on the University Writing Program Portfolio.

All students are encouraged to satisfy the University Writing Requirement before the completion of the sophomore year.

University Mathematics Requirement

Students satisfy the University Mathematics Requirement in one of four ways:

- completing an approved university-level mathematics course (S2) with a grade of C (not C-) or above
- achieving a suitable score on the UW Math Placement Test (<http://www.uwec.edu/Testing/placement/upload/2015-Math-placement-test.pdf>)
- achieving a suitable score on an exam such as the Advanced Placement Calculus or Advanced Placement Statistics exams
- achieving a suitable score on a Credit by Examination administered by the Department of Mathematics.

All students are encouraged to satisfy the University Mathematics Requirement before the completion of the sophomore year.

Design for Diversity

Two learning experiences are required to fulfill the Responsibility 1 Outcome (R1): Equity, Diversity, and Inclusivity requirement. One learning experience must address the following groups: African American, Hispanic American, American Indian, and/or Asian American, in order to fulfill the UW System (<http://catalog.uwec.edu/undergraduate/attribute-DDIV>) **Design for Diversity** requirement. Some Colleges have identified specific courses that fulfill the requirement for their majors. Students should consult with their advisers for details.

Service-Learning

All candidates for the baccalaureate degree at the University of Wisconsin-Eau Claire must satisfactorily complete 30 hours of approved service-learning activity. This requirement is intended to provide students with an opportunity to serve their community, apply knowledge gained in the classroom, enhance their critical thinking skills and become informed, active, and responsible citizens.

A Service-Learning Guidebook is available on the Service-Learning (<http://www.uwec.edu/sl>) website, which outlines the UW-Eau Claire service-learning

mission and graduation requirement, and describes the procedures for completion of the requirement. This information is provided to assist students, faculty/staff members, and community project supervisors in designing and undertaking projects that provide both rich experiences for UW-Eau Claire students and substantial benefits for the community.

Students can meet the service-learning requirements in one of three ways:

Non-credit Option: A student may fulfill the service-learning requirement—without receiving course credit—through work with an on-campus group or off-campus community organization. To fulfill the requirement under this option, students must work with the Center for Service-Learning by filling out an online application. Students may complete projects in the Eau Claire area or elsewhere, individually or in groups, and during the academic year or over break periods. Projects sponsored by local organizations (“community partners”) are posted on the Center for Service-Learning website. Students may also devise their own projects. The Center for Service-Learning must approve a noncredit option project before the student begins the project.

A student pursuing a noncredit option must work with:

1. A community partner supervisor who approves his/her service-learning project proposal, provides orientation and training for the student's project and fills out an evaluation at the end of the student's service hours.
2. A faculty or academic staff mentor who also approves his/her service-learning project proposal, helps establish learning objectives, and assists the student in attaining those objectives. The mentor also facilitates the student's reflection upon completion of the project, and certifies the student has met the service-learning requirement.

Military Service: Students in active military service or with an honorable or general discharge from military service are presumed to have met the service-learning graduation requirement. Evidence of military service is provided to the Registrar's Office through a copy of a D.D. 214, or a transcript from the ACE registry.

Credit Option (<http://catalog.uwec.edu/undergraduate/attribute-SL>):

Academic Major: Students in some majors (such as education, nursing and social work) will fulfill the service-learning requirement through course work required for their major. Students should consult their advisers to determine if this option applies to them.

Selected Course: A student may complete a course designated in this catalog or the current Class Schedule as satisfying one-half (15 hours) or the full (30 hours) service-learning requirement. In some courses, the service-learning activity may be optional.

Students seeking more information about the service-learning requirement should consult their advisers or contact the Center for Service-Learning.

Academic Concentrations

Each candidate for a baccalaureate degree must present one of the following:

- Comprehensive major (at least 60 credits)
- Standard major (at least 36 credits) plus one of the following:
 - Another standard major (at least 36 credits), or
 - A minor (at least 24 credits), or
 - A certificate (12-18 credits)

Acceptable academic program combinations will be determined at the college level.

A student who elects to pursue any combination of majors, minors and/or certificates beyond the minimum required, should be aware of the UW System policy whereby credits earned beyond 165 (or 30 credits beyond the total required for a program, whichever is higher) will be assessed at a higher level of tuition.

A student may present for graduation only those majors, minors, and/or certificates authorized by the faculty of the College in which the degree program is offered. Any deviation from published requirements in any curriculum must have written approval of the Associate Dean of the College from which the student is to be graduated.

Grade Point Requirements

Eligibility for graduation is based upon two GPAs, resident and total:

Resident GPA: The GPA computed on all UW-Eau Claire course work.

Total GPA: The GPA computed on all UW-Eau Claire course work and all transferable course work taken elsewhere.

The Resident and Total GPAs are identical for the student who has completed all course work at UW-Eau Claire. In both computations, GPAs must meet all minimum standards.

A minimum total GPA of 2.00 and a minimum resident GPA of 2.00 is required for graduation from all curricula. Individual Colleges may set higher grade point requirements. These are published, as appropriate, in the College sections of this catalog.

Major, Minor, Certificate. Minimum resident and total GPAs of 2.00 are required in the major, minor and certificate. Colleges of the University may set specific requirements for GPAs in their majors, minors, and certificates. Colleges may also require that GPAs in the major, minor, and certificate be computed on all applicable courses attempted by the student in the respective areas.

University Residency Requirements

Resident credit is earned by enrolling in UW-Eau Claire courses, both on and off campus.

Minimum total. Residence of one year (30 semester credits) is required of all candidates for baccalaureate degrees.

Senior year. Twenty-three of the last 30 credits prior to graduation from any curriculum must be earned in residence unless special arrangements have been made by petition to the Associate Dean of the College.

Major. At least 12 credits of the upper-division work (300- to 400- level courses) required in a standard major, and 21 in a comprehensive major, must be taken in residence.

Certificate. At least 25 percent of the credits applied to the certificate program requirements must be taken in residence.

Credits earned through the National Student Exchange Program, the Health Care practicum, internships, study abroad opportunities, and UW-Eau Claire Internet courses are counted as resident credits.

Admission to a College or Program

Admission to the University does not necessarily constitute admission to a particular College or to a degree curriculum offered by a College. Each of the Colleges may set specific admission requirements and procedures, which will be found in the appropriate section of this catalog. As one step toward their

degrees, students must be admitted to the College and/or program from which they expect to graduate.

Graduation

Application for Graduation

Each candidate for a baccalaureate degree must apply for graduation via CampS (<https://my.uwec.edu>) by the end of the first week of undergraduate priority registration for the semester of intended graduation. Failure to apply for graduation on time may result in the postponement of graduation. Although only two commencement ceremonies are held—May and December, students may graduate in May, August, December, or January.

Degree Planning

Students should consult their faculty advisers and develop degree plans as early as possible, so that requirements can be met without delaying graduation. A student may view a Degree Audit at any time on CampS (<https://my.uwec.edu>). This audit monitors the progress which the student is making toward the declared degree. The Audit is a tool designed to assist the student in course planning. Final confirmation of degree requirements is subject to department, college, and university approval.

A **Degree Audit** is not designed to serve as a contract—only to provide assistance to the student in planning. Final approval of degree requirements resides with Academic Affairs, but responsibility for meeting these requirements rests primarily upon the individual student.

Catalog Base for Degree Plan. In planning their degree programs, students must follow the curricular requirements of the catalog under which they entered UW-Eau Claire or upon notification to their department of a more recent catalog. Students who are absent from the University for two or more consecutive semesters must follow the catalog in effect at the time of their re-entry. Since Degree Audits are computer-generated reports applying an individual student's enrollment history to degree requirements as stated in the catalog, any deviation from published requirements for the degree must be authorized by a waiver/substitution form signed by the student's dean. Students who wish to appeal an institutional decision or response relating to their request for academic substitutions or waivers may do so by using the Student Academic Grievance Procedures published on the Dean of Students website, www.uwec.edu/DOS/policies/grievances.htm (<http://www.uwec.edu/DOS/policies/grievances.htm>).

NOTE: Transfers who enter UW-Eau Claire within two consecutive semesters of leaving another institution may use the catalog in effect at UW-Eau Claire at the time they entered the prior institution.

Applicability of Credits Toward Graduation

Junior College or Two-Year College Credits. A maximum of 72 semester credits earned in a junior college or two-year college will be accepted as degree credits at UW-Eau Claire.

Extension Credits. Credits earned in credit outreach courses offered by UW-Eau Claire are treated as resident credits. Credits earned in extension courses offered by other units of the University of Wisconsin System are treated as transfer credits. All other (non-UW) extension and correspondence credits are normally limited to one-fourth of the total required for graduation from any curriculum.

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools.

Occupational and technical courses may also be considered for transfer if the quality and content of the course work from the technical college is judged to be comparable to course work at UW-Eau Claire. Refer to the Transfer Credit Wizard (https://my.uwec.edu/psp/PUBLIC/EMPLOYEE/HRMS/c/EAU_SS_CUSTOM.EAU_TRNCRDWZ.GBL) or contact the UW-Eau Claire Admissions Office for information about the current transfer policy.

USAFI Credit. UW-Eau Claire will accept up to 32 semester credits for work done through the United States Armed Forces Institute, under the provision for non-UW correspondence credit (see Extension Credits above).

Activity Credit (band, chorus, drama, KINS 100-184 courses) Students may count toward graduation no more than one credit of KINS 110-184 courses. Students may count toward graduation no more than four credits earned in any single activity course and no more than 12 credits resulting from any combination of activity courses (excluding KINS 110-184 courses).

Other Restricted Credits. For other University restrictions, see the following: Cooperative Education; Credit by Examination; Satisfactory/Unsatisfactory Registration; Transfer of Credits. College or departmental restrictions may also be placed on Independent Study (399-499 courses), Directed Study (395-495), and other types of credits.

Commencement Exercises

Candidates for graduation are encouraged to attend commencement ceremonies, which are held two times during the calendar year: at the close of the fall and spring semesters of the academic year. Caps and gowns must be worn by all graduates.

In order to participate in a commencement ceremony, students must file an application for graduation and must meet at least one of the following conditions:

1. completion of all requirements for the bachelor's or graduate degree, or
2. current enrollment in the courses necessary to complete all requirements.

Students who will complete all requirements for the degree during the first Three-Week Summer Session are August graduates, but may request permission to attend the May commencement ceremony. Students completing all requirements for the degree in January may attend the prior December ceremony; and students completing all requirements in August may attend the following December ceremony.

Graduation with Distinction

Graduation with distinction is conferred at commencement exercises upon eligible students earning a first or second baccalaureate degree. Eligibility is based on both the resident and the total GPAs as defined under Grade Point Requirements. A student must earn in both computations (resident and total GPAs) the minimum GPA required at each of the three levels of distinction listed below and a minimum of 30 credits in residence to be eligible:

Summa Cum Laude	at least 3.80.
Magna Cum Laude	at least 3.50.
Cum Laude	at least 3.20.

The announcement of graduation with distinction made at the commencement ceremony is based on all work completed prior to the student's final semester; however, the actual conferral of graduation with distinction will be based on the student's entire record, including the final semester.

Second Baccalaureate Degree

A graduate who has earned a baccalaureate degree from UW-Eau Claire or another accredited college or university can earn a second baccalaureate degree.

Students who are declared as a double major may not obtain a second baccalaureate degree.

A candidate for a second baccalaureate degree from UW-Eau Claire must satisfy the following graduation requirements:

1. Be admitted to the second baccalaureate degree after completion of the first baccalaureate degree from UW-Eau Claire or another college or university,
2. Students who are seeking a second baccalaureate degree should contact the Financial Aid Office to review how this process will affect their financial aid,
3. All second degree students must have their transcripts reviewed and their plan of study approved by the Associate Dean for the college from which they are seeking the second degree,
4. Obtain 30 credits beyond the first degree, of which at least 23 must be taken in residence,
5. Satisfy all major/minor and other degree-specific requirements of the second degree,
6. Satisfy the UW System Design for Diversity requirement,
7. It is presumed that the University liberal education core requirements are satisfied by the completion of a baccalaureate degree,
8. Two degrees may not be awarded in the same term,
9. The GPA for the second degree will be calculated based on the course work that was completed after graduation from the first baccalaureate degree,
10. Academic distinction for the second baccalaureate degree is computed based on the credits earned toward the completion of the second degree.

Completion After Graduation

Students may, after graduating with a bachelor's degree from the University of Wisconsin-Eau Claire, complete an additional major or minor. Students may apply for readmission to UW-Eau Claire or apply as a special student. When all course work—which must be taken at UW-Eau Claire—toward the additional major or minor program has been completed, students should contact the Registrar's Office to initiate a review of the additional information. A statement in the memorandum area of the transcript will be added, noting the completion of such, with the date of completion.

College of Arts and Sciences

David Leaman, Dean (Schofield 220)

Margaret L. Cassidy, Associate Dean—Academic Affairs and Curriculum (Schofield 220)

Marc Goulet, Academic Administrative Support—Enrollment Management and Student Academic Issues (Schofield 220)

Departments:

- Art & Design (p. 126)
- Biology (p. 153)
- Chemistry (p. 164)
- Communication and Journalism (p. 182)
- Computer Science (p. 193)
- Economics (p. 198)
- English (p. 207)
- Geography and Anthropology (p. 233)
- Geology (p. 247)
- History (p. 263)
- Languages (p. 274)
- Mathematics (p. 328)
- Music and Theatre Arts (p. 343)
- Philosophy and Religious Studies (p. 380)
- Physics and Astronomy (p. 386)
- Political Science (p. 396)
- Psychology (p. 411)
- Sociology (p. 415)

Programs:

- American Indian Studies (p. 123)
- Latin American Studies (p. 297)
- Materials Science (p. 309)
- Watershed Institute for Collaborative Environmental Studies (p. 418)
- Women's Studies (p. 423)

Programs and courses in the College of Arts and Sciences expose students to the substance and methodology of disciplines in the humanities, arts, natural sciences, and social sciences. Our core values include providing students with opportunities to develop intellectual skills such as analysis, synthesis, critical thinking, and application; strengthen communication skills and abilities; enhance aesthetic appreciation and humanistic understanding; and develop breadth and depth of perspective about the human experience and the natural world. Such skills and attributes are essential for success in any career or profession, as well as for leading lives as engaged, informed, and productive citizens. The largest and most broadly based academic unit at the University, the College of Arts and Sciences comprises 18 departments and several interdisciplinary programs that contribute courses and experiences for students majoring in programs based in the college; extensive liberal education course work; and supporting courses for academic programs in other colleges and for pre-professional programs.

Placement and Competency Information

Placement and Competency Tests

The UW System Mathematics Placement Test and the Foreign Language Placement Tests are given during the orientation periods for new freshmen and transfers. Further information about placement or competency tests is

available from the chair of the appropriate department or the Registrar's Office (Schofield 128).

Registration Requirements

1. All students in the College of Arts and Sciences (undeclared students, students with a declared Arts and Sciences major, or pre-professional students) must successfully complete the University Writing Requirement. This requirement should be completed by the semester in which their total semester credits will equal or surpass 60 credits.
2. All students in the College of Arts and Sciences (undeclared students, students with a declared Arts and Sciences major, or pre-professional students) must successfully complete the appropriate Mathematics Competency requirement for the baccalaureate degree program being pursued. This requirement should be completed by the semester in which their total semester credits will equal or surpass 60 credits.
3. All students who have not completed the Bachelor of Science Mathematics Competency will be considered Bachelor of Arts candidates and must demonstrate competency in a foreign language at the level of a 102 course (i.e., two semesters of college work). This requirement should be completed by the semester in which their total semester credits will equal or surpass 60 credits.
4. All students who transfer to UW-Eau Claire with 59 or fewer earned semester credit hours should meet the appropriate requirements listed in 1, 2, and 3 above as appropriate before registering for any semester or session after they have earned 60 semester credit hours including credits in progress.
5. All students who transfer to UW-Eau Claire with 60 or more earned semester credit hours and who intend to register as a student in the College of Arts and Sciences (undeclared students, students with a declared Arts and Sciences major, or pre-professional students) should meet the requirements listed in 1, 2, and 3 before registering for any semester or summer session.

Planning a Degree Program

To officially declare or change to a new major or minor, a student must go to the office of the department of the intended major or minor. A student can find specific instructions on the Registrar's website (<http://www.uwec.edu/Registrar/Student/ChgofMajor>).

All students are encouraged to obtain a new degree audit during this process. A new adviser will be assigned in the department of the new major or minor.

Joint Degrees with Professional Schools

The Board of Regents has authorized the University to grant the Bachelor of Science or Bachelor of Arts degree to students who have completed three years of residence at UW-Eau Claire and who complete the requirements for a Liberal Arts degree after transfer to a professional school. A maximum of 32 semester credits from the professional school may be applied toward the baccalaureate degree. For information, contact the College of Arts and Sciences Dean's office (Schofield 220).

Dean's List

At the end of each semester, the College of Arts and Sciences recognizes excellence in scholastic achievement by publishing the Dean's List. To be eligible, a student must:

1. be in good academic standing;
2. have a minimum semester GPA of 3.70;
3. have completed at least 12 credits during the semester, with no incompletes, no courses below the 100 level, no repeats, and no

Satisfactory/Unsatisfactory registrations (except in degree credit-bearing courses that are offered only on the S/U grading system in which a grade of S has been earned).

Students who meet this standard of achievement receive personal letters of notification and congratulations from the Dean.

Special Curricular Offerings

Special Topics Courses (291, 491)

Under the numbers 291 and 491, several departments and interdisciplinary programs offer courses in which the topic for study may vary from semester to semester, often focusing on a contemporary issue or taking an innovative approach to a traditional subject. Students and faculty members are invited to recommend topics to appropriate departments/programs. Departments/programs provide basic course information as part of the schedule building process. Topics are announced in the Class Schedule for the semester.

Restrictions: A total of no more than nine credits in Special Topics courses (291, 491) may be applied toward graduation. Special Topics courses may not be applied toward completion of the Liberal Education Core requirements. Departments may further restrict the application of such credits to their majors and minors.

Directed Studies (395, 495)

Courses numbered 395 or 495 (and MUSI 496), offered by several departments and interdisciplinary programs under various titles, are designed to permit individual students or groups of students to undertake special projects related to their educational interests and goals.

Eligibility: Registration for a Directed Study course requires the permission of the faculty member who agrees to supervise the project and of the department/program offering the course. Any further conditions of eligibility are established by the department/program and published as part of the course description.

Restrictions: A total of no more than six credits of Directed Study courses may be counted toward graduation. Directed Study courses may not be applied toward completion of the Liberal Education Core requirements. Departments/programs also may restrict the application of such credits to their majors and minors.

Procedures: Permits to enroll may be obtained from the department/program office. A permit approved by the professor directing the study and the department chair/program director is required in order to register for a 395 or 495 (or MUSI 496) course. When registration has been completed, the Registrar's Office will file a copy of the project description with the College Dean and in the student's permanent record.

Independent Study (399, 499)

Under the course numbers 399 and 499 (and CHEM 497 and HIST 496), departments and interdisciplinary programs in the College of Arts and Sciences provide advanced students with opportunities for independent study in fields where they have already demonstrated their competence.

Eligibility: Independent Study courses are open only to juniors or seniors. A student with a departmental major and/or minor may elect an Independent Study in the department of the major or of the minor, provided the student has at least 3.00 resident and total GPAs in that department. A student with an interdisciplinary major may elect an Independent Study in any department/program which has courses required in the major, provided the student has resident and total GPAs of at least 3.00 in the major and has earned a minimum

of six credits with resident and total GPAs of at least 3.00 in the department/program in which the Independent Study is elected.

Restrictions: Only three credits of Independent Study (399 or 499; CHEM 497; HIST 496) may be elected during any semester. A total of no more than six independent study credits may be counted toward graduation. Independent Study courses may not be applied toward completion of the Liberal Education Core requirements.

Procedures: The student shall outline an independent study proposal to a professor willing to direct the study. Permits to enroll may be obtained from the department/program office. A permit approved by the professor directing the study and the department chair/program director is required in order to register for a 399 or 499 (or CHEM 497 or HIST 496) course. When registration has been completed, the Registrar's Office will file a copy of the project description with the College Dean and in the student's permanent record.

Internships and Apprenticeships

Internship or apprenticeship experiences can be a valuable component in Arts and Sciences programs. Elective courses designated either as an internship or as an apprenticeship are offered in American Indian Studies, Art, Biology, Communication/Journalism, Computer Science, Criminal Justice, Economics, English, Environmental Public Health, Environmental Studies, Geography, Geology, History, Latin American Studies, Liberal Studies, Mathematics, Music, Philosophy, Political Science, Psychology, Religious Studies, Sociology, Theatre Arts, and Women's Studies.

Departmental Honors Programs

The Departments of Biology, Chemistry, Computer Science, Economics, English, Geography and Anthropology, Geology, History, Mathematics, Music and Theatre Arts, Philosophy and Religious Studies, Physics, Political Science, and Sociology have established Departmental Honors Programs for their majors. The majors in Criminal Justice (see Interdisciplinary Majors (p. 59)) and in Spanish (see the Department of Languages (p. 274)) also offer an Honors Program. See departmental listings or the interdisciplinary majors section for requirements.

Degrees and Curricula

Bachelor of Arts (B.A.) or Bachelor of Science (B.S.)

The B.A. degree and the B.S. degree are differentiated not by the major chosen, but by specific College requirements. For the standard and comprehensive majors listed below, students may elect either the B.A. or B.S. degree.

Standard Majors (Liberal Arts):

- American Indian Studies
- Art
- Biology
- Chemistry
- Communication
- Computer Science
- Economics
- English
- French
- Geography
- Geology
- German
- History
- Integrated Strategic Communication

- Journalism
- Latin American Studies
- Mathematics
- Music
- Philosophy
- Physics
- Political Science
- Psychology
- Religious Studies
- Sociology
- Spanish
- Theatre Arts
- Women's Studies

Comprehensive Majors:

- Art-Liberal Arts
- Biochemistry/Molecular Biology-Liberal Arts (Interdisciplinary)
- Biology-Liberal Arts
- Chemistry-A.C.S.
- Chemistry with Business Emphasis (Department of Chemistry)
- Chemistry-Liberal Arts
- Computer Science-Liberal Arts
- Criminal Justice-Liberal Arts (Interdisciplinary)
- Geography-Liberal Arts
- Geospatial Analysis and Technology-Liberal Arts (Department of Geography and Anthropology)
- Geology-Liberal Arts
- Latin American Studies-Liberal Arts
- Materials Science-Liberal Arts
- Mathematics-Liberal Arts
- Music-Liberal Arts
- Political Science-Liberal Arts
- Theatre Arts-Liberal Arts

Bachelor of Science (B.S.)

Comprehensive Major: Materials Science and Engineering

Bachelor of Liberal Studies (B.L.S.)

Comprehensive Major: Liberal Studies-Liberal Arts (Interdisciplinary)

Bachelor of Fine Arts (B.F.A.)

Comprehensive Major: Art

Bachelor of Music (B.M.)

Comprehensive Major: Music

Bachelor of Science in Environmental Public Health (B.S.E.P.H.)

Comprehensive Major: Environmental Public Health (Watershed Institute for Collaborative Environmental Studies)

Majors

All College of Business majors are accepted for Arts and Sciences degrees as second majors with the exception of Health Care Administration majors.

Minors

College of Arts and Sciences Minors

A standard Liberal Arts minor is offered in each discipline in which a standard Liberal Arts major is available. In addition, a number of interdisciplinary minors are offered by the College of Arts and Sciences. Program descriptions are found in the College of Arts and Sciences Interdisciplinary section or in the noted academic department/program section.

- Ancient Studies (Interdisciplinary)
- Art History (Department of Art & Design)
- Dance (Department of Music and Theatre Arts)
- Environment, Society, and Culture (Watershed Institute for Collaborative Environmental Studies)
- Environmental Science (Watershed Institute for Collaborative Environmental Studies)
- Family Studies (Interdisciplinary)
- Gerontology (Interdisciplinary)
- Global Studies (Interdisciplinary)
- Japanese (Department of Languages)
- Interdisciplinary Linguistics (Interdisciplinary)
- Marine Science (Interdisciplinary)
- Middle East Studies (Interdisciplinary)
- Multimedia Communication (Interdisciplinary)
- Neuroscience (Interdisciplinary)
- Pre-Professional Health Science (Interdisciplinary)
- Russia and East European Studies (Interdisciplinary)
- Spanish for Health Professions (Department of Languages)
- Topical Minor (Interdisciplinary)

Certificates

College of Arts and Sciences Certificate Programs.

The College of Arts and Sciences offers a number of certificate programs. Program descriptions are found in the College of Arts and Sciences Interdisciplinary section or in the noted academic department/program section.

- Ancient Studies (Interdisciplinary)
- Campaign Consulting (Department of Political Science)
- Computer Programmer (Department of Computer Science)
- Ethics (Department of Philosophy and Religious Studies)
- Fine Arts Administration (Department of Music and Theatre Arts)
- French Proficiency (Department of Languages)
- Geospatial (Department of Geography and Anthropology)
- Geospatial in GIS (Department of Geography and Anthropology)
- Geospatial in Remote Sensing (Department of Geography and Anthropology)
- Geospatial in Mapping (Department of Geography and Anthropology)
- German Proficiency (Department of Languages)
- Hmong Studies (Interdisciplinary)
- Integrated Strategic Communication (Department of Communication and Journalism)
- Interdisciplinary Linguistics (Interdisciplinary)
- International Affairs (Department of Political Science)
- LabVIEW (Department of Physics and Astronomy)
- Legal Studies (Department of Political Science)
- LGBTQ Studies (Women's Studies Program)
- Middle East Studies (Interdisciplinary)
- Ojibwe Language (Department of Languages)
- Organizational Communication (Department of Communication and Journalism)

- Social Advocacy and Change (Department of Communication and Journalism)
- Social Diversity (Department of Sociology)
- Teaching English as a Foreign Language (Interdisciplinary)
- Transnational Asian Studies (Interdisciplinary)
- Web Design and Development (Department of Computer Science)
- Women's Studies (Women's Studies Program)
- World History and Society: Past, Present, Future (Interdisciplinary)
- World Religions (Department of Philosophy and Religious Studies)

College of Business Minors accepted for Arts and Sciences degrees:

- Accounting
- Business Administration
- Business Finance
- Information Systems
- International Business
- Management
- Marketing

NOTE: Arts and Sciences students selecting College of Business minors must meet College of Business admission requirements.

College of Education and Human Sciences Minors accepted for Arts and Sciences degrees:

- Science of Coaching-Liberal Arts
- Library Science-Liberal Arts
- Kinesiology-Liberal Arts

Major/Minor, Major/Certificate and Major/Major Combinations in a Single Department or Program.

A major and a minor, or a major and certificate, or two majors (if available), may be elected within a single department or program only in the following approved combinations:

Department/Program:

Art & Design

- Art Major, Studio Emphasis (Code 020-208) and Art History Minor (Code 030-401)
- Art Major, Art History Emphasis (Code 020-209) and Art Minor (Code 020-402)

Languages

Any two languages

Music and Theatre Arts

- Music Major (Code 060-201) and Theatre Arts Minor (Code 601-422)
- Music Major (Code 060-201) and Dance Minor (Code 605-400)
- Theatre Arts Major (Code 601-223) and Dance Minor (Code 605-400)
- Theatre Arts Major (Code 601-223) and Music Minor (Code 060-401)
- Music Major (Code 060-201) and Theatre Arts Major (Code 601-223)
- Music Major (Code 060-201) and Fine Arts Administration Certificate (Code 060-601)
- Theatre Arts Major (Code 601-223) and Fine Arts Administration Certificate (Code 060-601)

Philosophy and Religious Studies

- Religious Studies Major (Code 411-201) and Philosophy Minor (Code 400-400)
- Philosophy Major (Code 400-200) and Religious Studies Minor (Code 411-401)
- Philosophy Major (Code 400-200) and Religious Studies Major (Code 411-201)
- Religious Studies Major (Code 411-201) and Ethics Certificate (Code 400-601)
- Philosophy Major (Code 400-200) and World Religions Certificate (Code 411-601)

Watershed Institute for Collaborative Environmental Studies

- Environmental Public Health Major (Code 640-001) and Environment, Society, and Culture Minor (Code 489-401)
- Environmental Public Health Major (Code 640-001) and Environmental Science Minor (Code 155-400)

Women's Studies

Women's Studies Major (Code 486-201) and LGBTQ Certificate (Code 486-602)

Major/Minor, Major/Certificate and Major/Major Combinations Not Allowed. Program combinations with too much overlapping disciplinary content (though found in different academic departments or programs) also are not allowed:

English Major, Linguistics (540-205) and Interdisciplinary Linguistics Minor (Code 570-402)

English Major, Linguistics (540-205) and Interdisciplinary Linguistics Certificate (Code 570-601)

Spanish Major, Linguistics (320-206) and Interdisciplinary Linguistics Certificate (Code 570-601)

Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Bachelor of Liberal Studies Degree (B.L.S.)

Bachelor of Liberal Studies

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Liberal Studies Degree in the College of Arts and Sciences (B.L.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work).

Bachelor of Fine Arts Degree (B.F.A.) Bachelor of Fine Arts

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Fine Arts Degree in the College of Arts and Sciences (B.F.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a

mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Music Degree (B.M.)

Bachelor of Music

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Music Degree in the College of Arts and Sciences (B.M.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in Environmental Public Health (B.S.E.P.H.)

Bachelor of Science in Environmental Public Health

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and

total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Science in Environmental Public Health Degree in the College of Arts and Sciences (B.S.E.P.H.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work).

Associate of Arts and Sciences

The Associate Degree certifies a student as having satisfactorily completed one-half the number of credits required for a baccalaureate degree program. In order to qualify for the Associate Degree, the student must:

1. Earn a minimum of 60 semester credits; 40 of these credits must apply to the Liberal Education Core.
2. Earn at least 30 semester credits, including the last 15 at UW-Eau Claire.
3. Earn a resident and total GPA of at least 2.00.
4. Count toward the degree no more than six credits earned on a Satisfactory/Unsatisfactory basis.
5. Complete the University Writing Requirement.
6. Complete the University Mathematics Requirement.
7. Complete the Design for Diversity Requirement.
8. Complete the Liberal Education Core Knowledge Outcome Requirements as specified for the baccalaureate degree.
9. Declare (regrec53@uwec.edu) intention to graduate with the Associate Degree.

Pre-Professional Programs

Pre-professional programs help students prepare for entrance into professional degree programs. Many professional degree programs are offered only at the post-baccalaureate level, so an undergraduate degree is needed before enrolling in them. UW-Eau Claire offers a variety of academic majors that provide excellent preparation for applying to such professional programs. Students interested in these programs should select an academic major that will prepare them to compete for such programs (many are highly selective) as well as provide career alternatives. For other professional degree programs,

students transfer to another higher education institution to complete the appropriate professional degree.

Pre-professional programs are not academic degree programs (that is, they are not academic majors or minors). Instead, pre-professional programs provide an organized approach to academic advising for students intending to apply to a professional degree program. To enhance academic planning and preparation while enrolled at UW-Eau Claire, a student interested in obtaining a professional degree should:

- Work with a pre-professional adviser who can help plan an appropriate curriculum in the field of interest.
- Obtain information from other colleges/universities regarding specific academic requirements for the professional degree program of interest.
- Declare an academic major that is logically connected to the professional field, and work with an adviser in the academic major.

Pre-Chiropractic

(Code 704-900)

Advisor: M. Mattes (Kinesiology).

The pre-chiropractic program is intended to prepare students for admission into a chiropractic college. Most accredited chiropractic colleges prefer that students earn a baccalaureate degree before beginning, or concurrently with, their chiropractic training. Because the specific requirements of professional schools vary considerably, students should obtain current academic catalogs from the schools in which they are interested. The pre-chiropractic program is an advising track and not a major, minor, or certificate program. Interested students should select an appropriate major in consultation with an academic adviser in their chosen area of study.

Pre-Dentistry

(Code 705-900)

Advisors: W. Gallagher (Chemistry), J. Halfen (Chemistry), J. Lyman Gingerich (Biology).

Students should plan to spend at least three years in pre-professional work. Many pre-dentistry students complete a B.S. degree in biology or chemistry. A typical first-year program includes:

Select one of the following: 8

CHEM 103 General Chemistry I
& CHEM 104 and General Chemistry II

OR

CHEM 115 Chemical Principles
& CHEM 213 and Quantitative Analysis

Required:

BIOL 221 Foundations of Biology I 4

MATH 109 Algebra for Calculus (and/or MATH 112/
MATH 113, and/or MATH 114) 4

PSYC 100 Introduction to Psychology 3

Completion of University Writing Requirement

Advanced courses

Select one of the following: 9-10

PHYS 211 General Physics
& PHYS 212 and General Physics

OR

PHYS 231 University Physics I
& PHYS 232 and University Physics II

Required:

CHEM 325 Organic Chemistry I with Laboratory 4

CHEM 326 Organic Chemistry II with Laboratory 4

Consult an adviser for further recommendations.

NOTE: Students should plan on taking the DAT (Dental Admissions Test) in the late spring or early summer of the year prior to the year for which they are seeking to matriculate in dental school.

Pre-Engineering

(Code 195-900)

Advisers:

Chemical—S. Drucker (Chemistry).

Civil—L. Ford (Physics and Astronomy).

Electrical—M. Evans (Physics and Astronomy).

General—M. Evans (Physics and Astronomy),

L. Ford (Physics and Astronomy).

Mechanical—M. Evans (Physics and Astronomy).

NOTE: High school preparation should include as much algebra, trigonometry, and advanced mathematics as possible as well as courses in chemistry and physics.

Students should plan to transfer after two years at UW-Eau Claire unless they decide to pursue the Dual Degree Engineering Emphasis in Physics or the Dual Degree Geological Engineering Emphasis in Geology. Required freshman and sophomore courses include:

MATH 114 Calculus I 4

MATH 215 Calculus II 4

MATH 216 Calculus III 4

PHYS 231 University Physics I 5

PHYS 232 University Physics II 5

Many fields of engineering also require chemistry, statics, dynamics, differential equations, and computer programming. Students should be aware that many engineering schools require GPAs of 2.50 or higher to be admitted to the junior year. Consult a pre-engineering adviser, because specific course and grade requirements vary among engineering fields as well as among schools of engineering.

Pre-Law

(Code 425-900)

Advisors: M. Gilkison (Political Science), E. Kasper (Political Science), F. Kolb (Economics), M. Meyer (Philosophy and Religious Studies), P. Myers (Political Science).

Students should plan to complete a baccalaureate degree before applying for law school admission and may choose from any major program of study. Choice of major and minor fields should be done with the following information in mind, including consideration of an alternative career plan. In addition to meeting with their major adviser, students should meet with one of the Pre-law advisers early in their first semester. The American Bar Association recommends that future lawyers select a major that develops skills in reading and interpreting texts, research and writing. The skills most valued in law school are analytic and problem-solving skills and courses that challenge the student in these areas are recommended. Law school admissions are based

on successful completion of the undergraduate degree and scores on the Law School Admission Test (LSAT), along with other criteria set by particular programs. Studies show that students in the following majors consistently score highly on the LSAT: Economics, Finance, History, Literature, Philosophy, Physics/Math, Political Science, and Religious Studies. Courses which are recommended, regardless of major, are:

ACCT 201	Principles of Accounting I	3
ANTH 422	Anthropology of Law	3
BSAD 305	Legal and Regulatory Environment	2
or BSAD 306	Business Law	
CJ 414	Mass Media Law	3
ECON 103	Principles of Microeconomics	3
ECON 104	Principles of Macroeconomics	3
ENGL 201	Advanced College Writing	3
MATH 111	A Short Course in Calculus (and/or MATH 246)	4
PHIL 150	Logic and Critical Thinking	3
PHIL 310	Philosophy of Law	3
POLS 110	American National Politics	3

And other courses dealing with the American political system

In addition, U.S. and world history courses, as well as ethics are recommended. Students may want to consider majoring in the Legal Studies emphasis in the Political Science Comprehensive Major or creating a topical minor in pre-law. To obtain Pre-Law designation, contact the Political Science department chair. This designation is in addition to major and minor program designations.

NOTE 1: The LSAT should be taken early in the senior year (usually September or October).

NOTE 2: In addition to LSAT scores, interviews and recommendations play an important role in law school admissions.

NOTE 3: Students may want to be involved in Future Lawyers of America, the student organization for Pre-Law.

Pre-Medicine

(Code 706-900)

Advisors: J. Anderson (Biology), W. Bryant (Biology), R. Buiser (Biology), W. Gallagher (Chemistry), D. Gingerich (Biology), J. Halfen (Chemistry), D. Janik (Biology), M. Kettler (Biology), J. Rohrer (Biology).

The pre-med curriculum consists of those courses needed to meet the entrance requirements for the majority of medical schools and to prepare students to take the Medical College Admission Test. The majority of students should plan to complete the requirements for a baccalaureate degree. Because of the competition for available places, students are urged to plan programs that will permit alternative career choices if acceptance into medical school is not secured. Typical first-year courses include:

BIOL 221	Foundations of Biology I	4
Select one of the following:		8-10
CHEM 115	Chemical Principles & CHEM 213 and Quantitative Analysis	
OR		
CHEM 103	General Chemistry I & CHEM 104 and General Chemistry II	

Required:

One or two semesters of mathematics

Completion of the University Writing Requirement

Consult an adviser for further recommendations.

NOTE 1: CHEM 103 will not apply toward the completion of a biochemistry/molecular biology major.

NOTE 2: Entry into medical schools is based on the following:

1. the student's academic record,
2. the results of the Medical College Admission Test, which should be taken in the spring of the junior year,
3. recommendations, and
4. interviews.

NOTE 3: A limited number of scholarships are available for sophomore, junior, and senior pre-medicine students who meet the scholarship criteria.

Pre-Occupational Therapy

(Code 665-900)

Advisor: M. Mattes (Kinesiology).

The pre-occupational therapy program is intended to prepare students for admission into a graduate program in occupational therapy. Most occupational therapy programs are now at the graduate level. Students should plan on completing a baccalaureate degree before applying to occupational therapy graduate programs. Because the specific requirements of professional schools vary considerably, students should obtain current academic catalogs from the schools in which they are interested. The pre-occupational therapy program is an advising track and not a major, minor, or certificate program. Interested students should select an appropriate major in consultation with an academic adviser in their chosen area of study.

Pre-Optometry

(Code 703-900)

Advisor: D. Janik (Biology).

Students should plan to spend at least two years in undergraduate study; the majority of successful applicants have three or four years of college work. A typical first-year program includes:

BIOL 221	Foundations of Biology I	4
Select one of the following:		6-8
CHEM 103	General Chemistry I & CHEM 104 and General Chemistry II	
OR		
CHEM 115	Chemical Principles	
Mathematics course		
Completion of the University Writing Requirement		

Consult an adviser for further recommendations.

NOTE: The Optometry Admission Test should be taken before the semester in which the student applies for acceptance into a school of optometry. Because of competition for the available places, students are urged to plan programs that will permit alternative career choices if acceptance into an optometry school is not secured.

Pre-Pharmacy

(Code 685-900)

Advisors: S. Bailey-Hartsel (Chemistry), C. Muller (Chemistry), K. Wiegel (Chemistry).

The pre-pharmacy curriculum blends science and math courses with social science and humanities courses in order to prepare future pharmacists to address medical problems with the people they will serve. Most students now admitted to pharmacy schools enter with a bachelor's degree, so students should plan to choose a major to be more competitive. A first-year program should include

Select one of the following: 6-8

CHEM 115 Chemical Principles
OR

CHEM 103 General Chemistry I
& CHEM 104 and General Chemistry II

Required:

MATH 114 Calculus I 4

Select one of the following: 4-8

BIOL 221 Foundations of Biology I

BIOL 214 Human Anatomy and Physiology I
& BIOL 314 and Human Anatomy and Physiology II

Select one or more of the following: 3

ECON 103 Principles of Microeconomics

SOC 101 Introduction to Sociology

ANTH/AIS Introduction to Cultural Anthropology
161

Required:

Completion of the University Writing Requirement

The minimum course work admission requirements could be planned in two years if the student is prepared to start in CHEM 115 and MATH 114. More time should be allowed if the student starts in a lower level math course or takes the CHEM 103/CHEM 104 sequence. The GPA of students admitted into pharmacy school is typically above 3.50. Pharmacy schools are increasingly emphasizing communication, leadership, and community service in their admissions criteria, so students should pace their work at UW-Eau Claire to develop strong records in both academics and community service. Experience as a pharmacy technician is also helpful. Consult an adviser for information about the Student Pharmaceutical Society and pharmacy school admissions requirements.

Pre-Physical Therapy

(Code 662-900)

Advisor: M. Mattes (Kinesiology).

The pre-physical therapy program is intended to prepare students for admission into a graduate program in physical therapy. Most physical therapy programs are now at the graduate level. Students should plan on completing a baccalaureate degree before applying to physical therapy graduate programs. Because the specific requirements of professional schools vary considerably, students should obtain current academic catalogs from the schools in which they are interested. The pre-physical therapy program is an advising track and not a major, minor, or certificate program. Interested students should select an appropriate major in consultation with an academic adviser in their chosen area of study.

Pre-Physician Assistant

(Code 707-900)

Advisors: D. Herman (Biology), D. Janik (Biology).

Most physician assistant programs are now at the graduate level (M.S.). Students should plan on completing a baccalaureate degree before applying to physician assistant graduate programs. Specific requirements for admission will vary among programs, and students are encouraged to consult the specific program catalog for these requirements. In preparation, students should take two semesters of chemistry, two semesters of physics, precalculus/calculus, biology courses including organismal form and function, microbiology, two semesters of anatomy and physiology, psychology courses, and a communication course. Other courses may be required. Consult with an adviser for further recommendations and information, including information about regional program requirements.

Pre-Veterinary Medicine

(Code 708-900)

Advisor: S. Showsh (Biology).

Students should plan to spend at least three years in pre-professional work. Many students complete a B.S. degree. A typical first-year program includes:

BIOL 221 Foundations of Biology I 4

Select one of the following: 8-10

CHEM 103 General Chemistry I
& CHEM 104 and General Chemistry II

OR

CHEM 115 Chemical Principles
& CHEM 213 and Quantitative Analysis

Required:

MATH 114 Calculus I 4

Completion of University Writing Requirement

Consult an adviser for further recommendations.

NOTE: Most schools of veterinary medicine require experience with animals, such as that gained through a farm background or working as assistant to a veterinarian, as well as the completion of the general test of the Graduate Record Examination. Because of competition for the available places, students are urged to plan a degree program that will permit alternative career choices if acceptance into a school of veterinary medicine is not secured.

Interdisciplinary

Interdisciplinary Curricula

A number of interdisciplinary programs, majors, minors and certificates, i.e., those that cross disciplines, are housed in the College of Arts and Sciences or affiliated with the College. All represent collaborative efforts to provide course work across and study of interconnections between multiple fields. The curriculum is delivered in a variety of ways. Often, faculty contribute disciplinary courses to interdisciplinary major, minor or certificate requirements and electives. Disciplinary courses may be cross-listed with an interdisciplinary prefix to highlight the contributions of the various fields. In other instances, faculty teach interdisciplinary courses exclusively or partially for the interdisciplinary program. Those with partial assignments in the interdisciplinary program also teach disciplinary courses for a "home"

department. Interdisciplinary academic programs in the College of Arts and Sciences are listed alphabetically with Arts and Sciences departments.

Inquiries about the interdisciplinary majors, minors, and certificates included in this section may be directed to the identified adviser(s) or academic department/program, or the College of Arts and Sciences. Information on the interdisciplinary Chemistry with Business Comprehensive Major is found in the Department of Chemistry. Information on the interdisciplinary Geospatial Analysis and Technology Comprehensive Major is found in the Department of Geography and Anthropology.

Majors

- Comprehensive Major: Biochemistry/Molecular Biology, Liberal Arts - B.A./B.S. (p. 61)
- Comprehensive Major: Criminal Justice, Liberal Arts - B.A./B.S. (p. 63)
- Comprehensive Major: Liberal Studies, Liberal Arts - B.L.S. (p. 71)
- Comprehensive Major: Physical Science, Teaching - B.S. (p. 75)
- Comprehensive Major: Physics-Mathematics, Mathematics Emphasis, Teaching - B.S. (p. 78)
- Comprehensive Major: Physics-Mathematics, Physics Emphasis, Teaching - B.S. (p. 82)
- Comprehensive Major: Social Studies Broadfield Teaching, Economics – BA (p. 86)
- Comprehensive Major: Social Studies Broadfield Teaching, Economics/History – BA (p. 90)
- Comprehensive Major: Social Studies Broadfield Teaching, Geography – BA (p. 93)
- Comprehensive Major: Social Studies Broadfield Teaching, Geography/History – BA (p. 97)
- Comprehensive Major: Social Studies Broadfield Teaching, History – BA (p. 101)
- Comprehensive Major: Social Studies Broadfield Teaching, Political Science – BA (p. 105)
- Comprehensive Major: Social Studies Broadfield Teaching, Political Science/History – BA (p. 108)
- Comprehensive Major: Social Studies Broadfield Teaching, Sociology – BA (p. 112)
- Comprehensive Major: Social Studies Broadfield Teaching, Sociology/History – BA (p. 116)

Minors

- Minor: Ancient Studies, Liberal Arts (p. 61)
- Minor: Family Studies, Liberal Arts (p. 66)
- Minor: General Science, Middle Childhood/Early Adolescence (p. 66)
- Minor: Gerontology, Liberal Arts (p. 67)
- Minor: Global Studies, Liberal Arts (p. 68)
- Minor: Language Arts, Middle Childhood/Early Adolescence (p. 71)
- Minor: Interdisciplinary Linguistics (p. 70)
- Minor: Marine Science, Liberal Arts (p. 73)
- Minor: Middle East Studies, Liberal Arts (p. 73)
- Minor: Multimedia Communication, Liberal Arts (p. 74)
- Minor: Neuroscience, Liberal Arts (p. 74)
- Minor: Pre-Professional Health Science, Liberal Arts (p. 85)
- Minor: Russia and East European Studies, Liberal Arts (p. 86)
- Minor: Social Studies, Middle Childhood/Early Adolescence (p. 120)
- Minor: Teaching of English to Speakers of Other Languages, Middle Childhood/Early Adolescence (p. 121)

- Minor: Teaching of English to Speakers of Other Languages, Early Adolescence/Adolescence (p. 120)
- Minor: Teaching of English to Speakers of Other Languages, Early Childhood/Adolescence (p. 121)
- Minor: Topical Minor, Liberal Arts (p. 122)

Certificates

- Certificate: Ancient Studies (p. 60)
- Certificate: Hmong Studies (p. 69)
- Certificate: Interdisciplinary Linguistics (p. 70)
- Certificate: Middle East Studies (p. 73)
- Certificate: Teaching English as a Foreign Language (p. 120)
- Certificate: Transnational Asian Studies, Certificate (p. 122)
- Certificate: World History and Society: Past, Present, Future (p. 122)

Ancient Studies, Certificate

(Code 310-601)

Adviser: M. Waters (Languages).

This certificate is designed for undergraduate students with an interest in Ancient Studies. It is particularly geared toward students for whom a deeper understanding of the societies and cultures of the ancient world – foundational within a humanistic education – will complement and enhance their major area of study and/or future careers.

A minimum of 12 credits is required, with at least six credits at the 300-level or above.

From the following list, two courses at any level with the same prefix must be selected (to serve as a core from one discipline, with which to develop perspective on others).

The remaining six credits from any on the following list. Four credits of language study (Classical Greek or Latin) may be applied to the certificate.

ANTH 169	Introduction to Archaeology
ARTH 111	Art History Survey I
ARTH 315	Ancient Greek, Etruscan, and Roman Art
ARTH 335	Ancient Art and Architecture of Mexico and Central America
FLTR 250	Classical Mythology
FLTR 360	Readings in Ancient Literature
GRK 101	Beginning Classical Greek
GRK 102	Beginning Classical Greek
HIST 302	Ancient Near Eastern Civilizations
HIST 304	Greek Civilization
HIST 306	Roman Civilization
HIST 308	Ancient Historiography
LAT 101	Beginning Latin
LAT 102	Beginning Latin
PHIL 235	Ancient Philosophy
RELS 230	Old Testament/Hebrew Bible
RELS 240	New Testament
RELS 303	Early Christianity
POLS 309	Classical Political Thought

With advisor approval, the following may be applied to completion of the certificate: (1) up to three credits of relevant independent study or directed studies; (2) additional relevant courses.

Note: Courses used for the certificate cannot count for the student's major program.

Ancient Studies, Minor

Liberal Arts (Code 310-401)

Adviser: M. Waters (Languages).

The minor in Ancient Studies touches upon almost every field of human inquiry: language, literature, history, politics, religion, medicine, and science, to note only a few of the broader disciplines. Students taking courses to fulfill this minor will pursue the following specific goals:

1. to enhance their appreciation and understanding of ancient languages, cultures, and their own heritage;
2. to develop students' critical thinking abilities via language acquisition (study of grammar, translation, and interpretation), text analysis, historical perspective, and study of the influence of ancient civilizations upon subsequent periods;
3. to pursue an option within the undergraduate experience which allows one to explore in a systematic way the fundamental building blocks and materials of a liberal education and, thereby, highlight UW-Eau Claire's goals as a liberal arts institution;
4. to develop an interdisciplinary approach to these fields of study and to discover, by study of their origins, an apprehension of the underlying reasons and methods of discourse and institutions of the western world;
5. to see ourselves in perspective, to become more enlightened citizens, and to think more deeply about the human condition and important issues in our lives—based on the bedrock of the earliest approaches, which impacted all subsequent ones, to such questions.

Core Requirements

The minor consists of 24 credits of core and elective course work, including foreign language competency at the 102 level.

Select one of the following: 8

LAT 101 Beginning Latin
& LAT 102 and Beginning Latin

OR

GRK 101 Beginning Classical Greek
& GRK 102 and Beginning Classical Greek

Elective Courses

Select sixteen credits from the following list with at least two courses from each category below and a minimum of nine credits at the 300 or 400 level. 16

Total Credits 24

Category A

ANTH 169	Introduction to Archaeology	3
ARTH 111	Art History Survey I	3
ARTH 315	Ancient Greek, Etruscan, and Roman Art	3
ARTH/AIS 335	Ancient Art and Architecture of Mexico and Central America	3
FLTR 250	Classical Mythology	3

PHIL 235	Ancient Philosophy	3
RELS 230	Old Testament/Hebrew Bible	3
RELS 240	New Testament	3
RELS 303	Early Christianity	3

Category B

FLTR 360	Readings in Ancient Literature	3
HIST 280	History Travel Seminar ¹	1-6
HIST 302	Ancient Near Eastern Civilizations	3
HIST 304	Greek Civilization	3
HIST 306	Roman Civilization	3
HIST 308	Ancient Historiography	3
POLS 309	Classical Political Thought	3

¹ Destination and format of course, as applicable to this minor, are subject to approval of the minor adviser.

NOTE 1: Up to three credits of Directed Studies or Independent Study for projects focusing on ancient studies may be applied to either category of the minor, with approval from the minor adviser.

Biochemistry/Molecular Biology, Comprehensive Major

Liberal Arts (Code 090-001)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
	Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal		
	Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
	One S1 must meet the University Writing Requirement (p. 49)	
	Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
	One S2 to meet the University Mathematics Requirement (p. 49)	
	Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal		
	Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
	One R1 must satisfy Design for Diversity (p. 49)	
	Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
	Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal		
	Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal		
	Service-Learning (p. 49)	30 hours

College Degree Requirements Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Advisers: J. Anderson (Biology), W. Gallagher (Chemistry), D. Gingerich (Biology), S. Hati (Chemistry), S. Bailey-Hartsel (Chemistry), J. Lyman Gingerich (Biology), S. Showsh (Biology), T. Yang (Chemistry).

This major leads to entry-level employment opportunities in research and development in industrial and government laboratories as well as to entry-level positions in the biotechnology industry. Graduates will also be well prepared to enter graduate studies in molecular biology, genetics, and related fields, as well as for admission to professional schools in medicine, osteopathy, pharmacy and dentistry. BMB majors are eligible to apply for Biology or Chemistry Department Honors (see Biology and Chemistry Department entries for criteria.)

Biochemistry/Molecular Biology

A minimum of 69 semester credits, including:

I. Biology Course Requirements

(minimum of 26 credits)

BIOL 221	Foundations of Biology I	4
BIOL 222	Foundations of Biology II	3
BIOL 223	Foundations of Biological Inquiry	2
BIOL 305	Molecular and Cell Biology	4
BIOL 323	Genetics	3
BIOL 324	1	
BIOL 405	Advanced Cell and Molecular Lab	4
BIOL 409	Molecular Genetics	4

II. Chemistry Course Requirements

(minimum of 30 credits)

CHEM 115	Chemical Principles	6
CHEM 213	Quantitative Analysis	4
CHEM 325	Organic Chemistry I with Laboratory	4
CHEM 326	Organic Chemistry II with Laboratory	4
CHEM 406	Biophysical Chemistry	4
CHEM 452	Biochemistry I	3
CHEM 454	Biochemistry II	3
CHEM 453	Biochemistry Laboratory	2

III. Other Course Requirements

(minimum of 13 credits)

MATH 114	Calculus I	4
PHYS 211	General Physics	5
PHYS 212	General Physics	4

¹ Course in development

Note 1: CHEM 103 and CHEM 104 may be substituted for CHEM 115, but only six of the eight credits count toward the major.

Note 2: CHEM 433 (CHEM 434 optional) may be substituted for CHEM 406. (MATH 215 and PHYS 231, PHYS 232 required if CHEM 433 (CHEM 434) is taken.) This substitution is strongly recommended for students considering doctoral study in biophysics or physical biochemistry.

Note 3: Students are also encouraged to seek out a collaborative research experience or do independent study (BIOL 399, BIOL 499, CHEM 399, CHEM 497, or CHEM 499) in addition to their formal course work.

Criminal Justice, Comprehensive Major

Liberal Arts (Code 430-001)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		

Credit Requirements

Minimum total for graduation ¹	120
Upper division credits (courses numbered 300 and higher)	39
Liberal Education Core (p. 46)	36
Academic Concentrations (p. 50)	

Grade Point Requirements (p. 49) ²

Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50) ³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>)

Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>)

Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

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Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Advisers: J. Patchin (Political Science), J. Spraitz (Political Science).

The multidisciplinary criminal justice curriculum is designed to familiarize the student with the complex nature of the American criminal justice system. The study of criminal justice focuses upon the structure and functions of law enforcement, the courts, and corrections. Included is the analysis of the political, social, cultural, philosophical, and psychological forces that shape the policies, programs, and practices in the system. The liberal arts orientation of the program prepares the student for graduate-level work in criminal justice, law, and for careers at the local, state, and federal levels in law enforcement, corrections, and court related agencies.

Sixty semester credits, including:

Prerequisite Courses (12 credits)

CRMJ 103	Survey of the Criminal Justice System	3
POLS 110	American National Politics	3
PSYC 100	Introduction to Psychology	3
SOC 101	Introduction to Sociology	3

Criminal Justice Core Courses (Minimum 27 credits)

CRMJ 280	Criminal Justice Research Methods	3
CRMJ 301	Criminology Theory	3
CRMJ 302	Youth Crime and Juvenile Justice	3
CRMJ 303	Crime Prevention	3

CRMJ 319	Police in Society	3
CRMJ 342	Confinement and Corrections	3
POLS 301	State and Local Politics	3
POLS 405	U.S. Constitutional Principles - Due Process and Criminal Law	3

Select one of the following: 3-4

PSYC 265 Statistical Methods in Psychology I

SOC 328 Sociological Data Analysis

MATH 246 Elementary Statistics

Other Required Courses (21 credits)

Law, Constitution, Policy Area:

Minimum of six credits from the following: 6

ANTH 422 Anthropology of Law

PHIL 120 Ethical Reasoning

PHIL 310 Philosophy of Law

POLS 305 Survey of U.S. Constitutional Principles

POLS 338 Judicial Politics

POLS 343 Public Administration

POLS 346 Public Policy in the United States

POLS 403 U.S. Constitutional Principles - Powers of Government

POLS 404 U.S. Constitutional Principles - Civil Liberties

POLS 406 U.S. Constitutional Principles - Equality and Privacy

SW 100 Introduction to Social Welfare

SW 383 Social Welfare Policies and Programs

Individual, Social, Political Behavior Area:

Minimum of six credits from the following: 6

CRMJ 329 ¹

CRMJ 349 ¹

CRMJ 359 Teen Technology Misuse

POLS 329 Political Violence

POLS 350 Group and Minority Politics

POLS 353 Afro-American Politics

PSYC 245 Social Psychology

PSYC 251 Abnormal Psychology

PSYC 331 Child Psychology

PSYC 332 Psychology of Adolescence

SW 309 Community-based Corrections

SW 385 Child Welfare

SW 489 Social Work in Mental Health Settings

SOC 312 Race and Ethnicity in the U.S.

SOC 316 Sociology of Family

SOC 321 The Individual in Society

SOC 332 Sociological Research Methods

SOC 351 Sociology of Deviance

WMNS 310 Women and Violence

Criminal Justice Intervention and Application Area:

CRMJ 498 Criminal Justice Internship

PSYC 325 Theories of Counseling

PSYC 346 Positive Psychology

PSYC 357	Ethics in Psychology
PSYC 380	Introduction to Behavior Modification
SW 424	Alcohol and Other Drug Abuse

Skills Area:

Maximum of six credits from the following:

CJ 111 Gender, Race, Class, and Communication:
The Social Construction of Identity

CJ 201 Introduction to Interpersonal
Communication

CJ 202 Fundamentals of Speech

CJ 205 Listening

CJ 301 Intercultural Communication

GEOG 280 Cartographic Design

GEOG 335 Geographic Information Systems I

PHIL 150 Logic and Critical Thinking

¹ Course in development

The following courses will be applied to a specific elective category based on the content:

CRMJ 291 Special Topics

CRMJ 395 Directed Studies

CRMJ 397 Student Academic Apprenticeship in
Criminal Justice

CRMJ 399 Independent Study - Juniors

CRMJ 491 Special Topics

CRMJ 499 Independent Study - Seniors

Criminal Justice Honors Program

1. Goals

- To provide an enriched educational experience for subsequent graduate study, professional activity, public life, or citizenship.
- To encourage concentrated study in selected areas in the field of criminal justice.
- To stimulate and challenge exceptional students to gain a better understanding of the issues, substantive content, research and theory in criminal justice.
- To develop capabilities for independent thought and constructive criticism.

2. Entrance Requirements

- Eligibility:** Upper-class majors with resident and total GPAs of 3.50 and resident and total GPAs of 3.50 in criminal justice major courses.
- Applications for the Honors Program should be made in writing to the Criminal Justice Program Coordinating Committee early in the junior year.

3. Graduation from the University with Honors in Criminal Justice requires maintaining resident and total GPAs of 3.50 in criminal justice major courses, and satisfactory completion of all of the following:

- Criminal justice major requirements.
- Six credits of independent study, approved by the student's honors committee.
- An honors examination.
- An honors research paper

Family Studies, Minor

Liberal Arts (Code 487-401)

For advising, contact the Sociology Department.

The interdisciplinary Family Studies Minor is designed to:

1. enhance students' understanding of the issues and problems confronting contemporary families from sociological, developmental, psychological, historical, religious, economic, and anthropologic perspectives;
2. examine the well-being of diverse individuals and families over the lifespan including the dynamic relations within families and the interaction between families and society;
3. provide an interdisciplinary liberal arts base for students who wish to pursue graduate study and careers working to improve the lives of individuals, families and communities; and
4. provide a knowledge of family studies that will foster personal and social development of the individual student.

Twenty-four semester credits, including:

Required Courses

HIST 370	History of the Family in America	3
PSYC 230	Human Development	3
SOC 316	Sociology of Family	3

Category A, B, C, D Courses—one course from each category required:

A. Life Course

PSYC 331 Child Psychology

PSYC 332 Psychology of Adolescence

PSYC 333 Psychology of Adulthood and Aging

PSYC 334 Psychology of the Exceptional Child

SOC 364 Social Gerontology

SW 315 Aging and the Aged

B. Gender and Sexuality

ANTH/
WMNS 356 Women in Cross-Cultural Perspective

HIST/WMNS Gender, Sex, and Science in European
313 History

PSYC/
WMNS 336 Psychology of Women

SOC/WMNS Women and Men in Society: The Sociology
202 of Gender

SOC/WMNS Sociology of Women
419

SOC 426 Sociology of Sexualities

WMNS 206 Perspectives in LGBTQ Studies

WMNS 310 Women and Violence

C. Micro-level: Family Relations

CJ/WMNS Gender, Race, Class, and Communication:
111 The Social Construction of Identity

CJ 201 Introduction to Interpersonal
Communication

or CJ 203 Fundamentals of Human Communication

CJ 312 Communication and Gender

PSYC 325 Theories of Counseling

SOC 164 Family and Intimate Relationships

SW 385 Child Welfare

SW 424 Alcohol and Other Drug Abuse

D. Macro-level: Families and Society

ECON/
WMNS 337 Women and the Labor Market

ECON/
WMNS 357 Women and Economic Development

HIST/WMNS American Women's History to 1870
373

HIST/WMNS American Women's History Since 1870
378

HIST/WMNS The History of Middle Eastern Muslim
385 Women

RELS/
WMNS 203 Women and World Religions

RELS 210 Religion and Morality

SOC 314 Social Class and Inequality

SOC 405 Sociology of Work and Occupations

SOC 410 Sociology of Education

WMNS 344 Women, Work and Family

Remaining credits to be selected from courses included in Categories A, B, C, and D and/or up to 3 credits from Directed Studies, Independent Study, Internship, or Special Topics courses that focus on family issues may be applied to the minor with approval from the Family Studies Minor Coordinator.

NOTE 1: Student may not take both CJ 201 and CJ 203 for credit in the minor.

NOTE 2: No more than 12 credits from any course prefix may be counted toward the minor. Anth/Wmns, CJ/Wmns, Econ/Wmns, Hist/Wmns, Psys/Wmns, Rels/Wmns, and Soc/Wmns courses will count as Anth, CJ, Econ, Hist, Psys, Rels, or Soc credits, respectively, for the purpose of this limitation.

General Science, Minor - Teaching

Middle Childhood/Early Adolescence (Code 120-403)

The MCEA science minor prepares students to teach a breadth of science areas in Grades 1-8. A minimum of 24 semester credits is required to fulfill the science minor. To prepare to teach in Grades 1-8, courses in certain science areas are required.

For advising, contact the Education Studies Department.

Required of all MCEA students:

BIOL 105	General Biology	3-4
or BIOL 151	Biology of Humans	

AND one of the following: 4

PHYS 100 Physical Science

GEOL 106 Earth Science

GEOL 110 Physical Geology

CHEM 103 General Chemistry I

Total: 7-8 credits (1 biological & 1 physical science lab science)

Remaining 16-17 credits must include the science area not taken from the MCEA required science courses (i.e. physical or earth/space) but is not limited to the courses listed above. MCEA science minor students should complete a course in physical, life, and earth/space sciences. Therefore, remaining credits may be taken from any of the science areas listed below. A variety of science areas is recommended to increase breadth of science knowledge.

Select courses from the following:

Biology

BIOL 130	Human Sexual Biology	3
BIOL 151	Biology of Humans	4
BIOL 180	Environmental Biology and Conservation ¹	3
BIOL 181	Environmental Biology and Conservation Lab	1
BIOL 195	Plants and Society	4
BIOL 196	Human Nutrition	3
BIOL 214	Human Anatomy and Physiology I	4
BIOL 311	General Entomology	4

Chemistry

CHEM 100	Chemistry: Issues and Answers	3
CHEM 103	General Chemistry I	4
CHEM 104	General Chemistry II	4
CHEM 115	Chemical Principles	6
CHEM 121	Elementary Chemical Education	1
CHEM 127	Chemistry and Climate	3
CHEM 150	Survey of Biochemistry	3
CHEM 191	Current Topics in Chemistry	1-3
CHEM 304	Environmental Chemistry	3
CHEM 399	Independent Study - Juniors	1-3

Geology

GEOL 102	Oceanography	3
GEOL 106	Earth Science	4
GEOL 115	Environmental Geology	4
GEOL 122	The Future of Global Energy	3
GEOL 201	Geology of Our National Parks and Monuments	2
GEOL 301	Earth Resources	3
GEOL 303	Rocky Mountain Field Studies	3
GEOL 308	Water Resources	3
GEOL 312	Mineralogy and Petrology I	5

Geography

GEOG 104	The Physical Environment	4
GEOG 178	Conservation of the Environment ¹	3
GEOG 304	Introduction to Geomorphology	4
GEOG 340	Climatology	3
GEOG 361	Environmental Hazards	3

Physics

PHYS 100	Physical Science	4
PHYS 115	Survey of Astronomy	3
PHYS 205	Physics of Renewable Energy	4
PHYS 211	General Physics	5
PHYS 212	General Physics	4
PHYS 226	Astronomy-Solar System	4

PHYS 229	Astronomy-Stars and Galaxies	4
PHYS 308	Science of Musical Sound	3
PHYS 315	The Mysterious Universe	3

Environmental Public Health

ENPH 110	Introduction to Environmental Health	3
ENPH 150	Disease Detectives: Epidemics and Data	3

Environmental Studies

ENV 140	Water Problems, Water Solutions	3
ENV 291	Special Topics - Environmental Studies	1-3

¹ Only one of GEOG 178 or BIOL 180 may be included in the minor.

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A and leads to licensure to teach General Science in Middle Childhood through Early Adolescence classrooms.

Gerontology, Minor

Liberal Arts (Code 670-400)

Adviser: M. Cassidy (College of Arts and Sciences).

Gerontology is a multidisciplinary field that examines the correlates and consequences of human aging. To reflect this multidisciplinary nature, the Gerontology minor includes courses from a variety of academic disciplines. Objectives of the minor include:

1. promoting an understanding of the multifaceted nature of the human aging process;
2. generating awareness of both the rewards and challenges associated with aging;
3. providing a broad program of study that complements a number of major programs and prepares students for graduate study and/or careers in the field of aging.

Twenty-four semester credits, including:

Core Courses

BIOL 151	Biology of Humans	4
CSD 410	Communication Changes and Disorders of the Older Adult	3
PSYC 333	Psychology of Adulthood and Aging	3
SW 315	Aging and the Aged ¹	3
or SOC 364	Social Gerontology	
SW/NRSG 360	Death and Bereavement	3

Select remaining credits from the following:

BIOL 196	Human Nutrition	
ECON 280	Health Economics	
HCAD 222	Multidisciplinary Perspectives on Aging	
IDIS 201	Overview of the U.S. Health Care System: A Policy Perspective	
NRSG 211	Wellness: Food for Fitness	
NRSG 212	Navigating Health Care	
NRSG 213	Body, Mind, Spirit Wellness	
PHIL 306	Ethics of Health Care	
PSYC 230	Human Development	

RELS 315 Psychology of Religion

SOC 316 Sociology of Family

¹ NOTE: If both SW 315 and SOC 364 are taken, three of the credits will count toward the remaining credits category.

Up to three credits from Directed Studies, Independent Study, or Special Topics courses that focus on gerontological issues may be applied to the minor with approval from the Gerontology minor adviser.

Global Studies, Minor

Liberal Arts (Code 424-400)

Advisers: A. Abootalebi (Political Science), M. DaCosta (Economics), K. Lang (History), K. Schaupp (Philosophy and Religious Studies), D. Shih (English), or L. Taft (Nursing). Students pursuing a major in the College of Business should see their major adviser for information about the Global Studies Minor.

The interdisciplinary minor in Global Studies is designed to enhance students' understanding of other languages, diverse cultures, and global issues. It provides students with the knowledge and skills that can be used in a changing and increasingly interdependent world. It also offers curricular options that encourage participation in other international studies programs as well as study abroad and internship options. By completing this minor, students should develop:

1. a historical perspective of international life, cultures, and countries;
2. an understanding of economic and financial differences that often define life in other countries and account for life experiences, education, and social development;
3. an understanding of the social and cultural differences that serve to define life in international communities;
4. an understanding of world politics and the influence of private and public organizations that are transforming power and social interactions around the world;
5. an understanding of world geography by studying the production, exchange, consumption patterns, and development of international communities;
6. an understanding of foreign languages that will prepare them for study abroad experiences as well as employment in multinational companies, governmental agencies, education, social work, and health service organizations.

To be awarded the minor, in addition to the 24 semester credits required, students also must have foreign language competency at the 102 level.

Twenty-four semester credits, including:

Core Courses

ECON 104 Principles of Macroeconomics 3

POLS 102 Introduction to Politics 3

or POLS 122 Introduction to World Politics

Select one of the following:

HIST 125 World History Since 1500

HIST 292 Origins of Current World Conflicts

ARTH 310 History of World Architecture

Select one of the following:

ANTH/AIS Introduction to Cultural Anthropology
161

GEOG 111 Human Geography

RELS 100 Introduction to the Religions of the World

RELS 210 Religion and Morality

Elective Courses

Select twelve credits, with a minimum of six credits at the 300 or 400 level: 12

ANTH 315 Language in Culture and Society

ANTH 351 Cross-Cultural Dynamics

ANTH 355 Peoples of Africa

ANTH 422 Anthropology of Law

ANTH 463 Religion and Culture

ANTH/
WMNS 356 Women in Cross-Cultural Perspective

ARTH 109 Art of the 20th Century

ARTH 225 History of Graphic Design

ARTH 227 History of Photography

ARTH/AIS Survey of North American Indian Art
324ARTH/AIS Ancient Art and Architecture of Mexico
335 and Central America

CJ 301 Intercultural Communication

CJ 319 International Communication

ECON 351 International Economics

ECON 353 Economics of Pacific Asia

ECON 355 Economic Development

ECON/LAS Economic Development of Latin America
356

ENGL 230 Survey of World/Postcolonial Literature

ENGL 330 Topics in World/Postcolonial Literature

NRS 213 Body, Mind, Spirit Wellness (meets
University Wellness requirement)

FREN 355 Contemporary French Civilization

GERM 363 Modern Germany: Literature, History,
Culture

SPAN 356 Contemporary Spain

SPAN/LAS Latin American Civilization
352

GEOG 301 Geography of Western Europe

GEOG 308 Geography of Russia and Eastern Europe

GEOG 319 Geography of the Middle East and North
Africa

GEOG 321 Geography of Latin America

GEOG 378 International Environmental Problems and
Policy

HIST 102 Western Civilization Since 1660

HIST 124 World History to 1500

HIST 152 Modern East and Southeast Asia

HIST 284 The Nazis and Germany, 1914-1945

HIST 326 Twentieth Century Europe, 1900 to Present

HIST 360 Modern France

HIST 362 Modern Germany

HIST 366 History of Middle East Since Muhammad

HIST 371 History of the Modern Balkans

HIST 375 Twentieth Century Russia

HIST 379 History of Modern East Europe

HIST 381	Comparative Genocide
HIST 383	Modern Africa
HIST 384	The Vietnam War
HIST 388	History of China
HIST 389	History of Japan
HIST 393	Roots of Selected Contemporary World Problems
HIST/LAS 311	Latin America Since Independence
HIST/WMNS 385	The History of Middle Eastern Muslim Women
MUSI 225	World Music
MUSI 303	Music History 1900 to Present
NRSG 389	Cross Cultural Health
NRSG 448	Comparative Study in Nursing and Health Care
POLS 121	The Politics of Global Cultural Relations
POLS 260	Introduction to Comparative Politics
POLS 265	Problems of the Developing Nations
POLS 321	Politics of the Middle East
POLS 322	Politics of Russia
POLS 323	Politics of Eastern Europe
POLS 324	Politics of Asia
POLS 325	Model United Nations
POLS 327	Politics of Continental Europe
POLS 331	International Organization and Law
POLS 332	International Conflict
POLS 334	International Political Economy
POLS 335	International Relations Theory
POLS 390	Culture and Politics
POLS/LAS 319	Politics of Latin America
POLS/LAS 320	Caribbean Politics
RELS 304	Modern Christianity
RELS 307	Judaism
RELS 309	Islam
RELS 312	Buddhism: Past and Present
RELS 314	Hinduism
RELS 323	Chinese and Japanese Religions
RELS 378	The Holocaust, 1933-1945
RELS/AIS 330	Indigenous Religions of the Americas

Note 1: A maximum of 12 credits from the student's major can count toward the Global Studies Minor.

Note 2: It is not likely that students in major other than Music will have the prerequisites for MUSI 303.

Hmong Studies, Certificate

(Code 295-601)

The critical Hmong Studies Certificate program is designed for students who have a strong interest in studying Hmong history, culture, society, language,

and contemporary issues. The certificate might appeal to students who have limited opportunity to explore academic areas beyond their major discipline, or those who interact with Hmong communities on a professional basis. The certificate consists of 10 core credits and between 5 and 8 elective credits, depending on the course combination selected.

Of the minimum 15 credits required, six would need to be at the 300-400 level (including electives). Elements of the certificate would include (1) Language; (2) Hmong History, Culture, & Society; (3) Critical Race Theory (CRT); (4) Electives.

Core credits:		10
HUMS 110	Hmong Civilization, Culture, and Contemporary Issues ¹	3
HMNG 101	Beginning Hmong I	4
ES 385	Social Foundations: Human Relations	3
Electives:		5-8
HMNG 102	Beginning Hmong II	
AIS 444	Indigenous Theory and Methodologies	
ENGL 368	Topics in American Ethnic Literature ²	

Variable credit options:

Travel seminars focused on Hmong Studies

Various courses with either Hmong or Hmong-American content or CRT or indigenous approach

Other distance learning options, in collaboration with other institutions/UW campuses when focused on Hmong Studies

Note: Courses cannot be counted in both the major and the certificate program.

Footnotes:

1. HNRS 104 is an appropriate substitution when course is offered as Hmong Cult Hist Civ.

2. When course is focused on Hmong Studies.

For advising, contact the Department of Languages.

Interdisciplinary Linguistics, Certificate

(Code 570-601)

For advising, contact the English Department.

Linguistics bridges the social sciences and humanities, applying scientific methods and perspectives to the study of language, a fundamental human behavior and social institution. The Interdisciplinary Linguistics certificate offers a focused program of study in the structure, acquisition, and/or social functions of language, drawing on theories and methodologies of one or more disciplines. The goal of the program is to enhance students' abilities to reason about language by providing opportunities to analyze the sounds, words, sentences and/or meanings of natural language; to describe variation and change in natural language; and to form and test hypotheses about language by collecting, organizing, and analyzing linguistic data. While not in itself a professional certification, a linguistics certificate could enhance the career options of students majoring or minoring in computer science, English, languages, teaching English as a second/foreign language, elementary and secondary education, among others.

Twelve semester credits, including:

Required course:

ENGL 221	Introductory English Linguistics	3
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Select nine credits of linguistics electives from the following courses: 9

ANTH 315	Language in Culture and Society
CSD 262	Phonetics: Theory and Application
CSD 301	American Sign Language Semantics
CSD 302	American Sign Language Linguistics
ENGL 321	Topics in the Structure of English
ENGL 325	Topics in Language in Society
ENGL 421	Seminar in Linguistic Research
FLG 378	Second Language Acquisition Theory
FREN 325	Phonetics and Pronunciation
GERM 325	The German Sound System
GERM 413	Structure of German in Contrast
PHIL 322	Philosophy of Language
SPAN 325	Phonetics and Pronunciation
SPAN 360	Survey of Hispanic Linguistics
SPAN 418	Spanish Sociolinguistics in Latin America/USA
SPAN 492	Seminar in Hispanic Linguistics Research

Note: Students may not pursue the Interdisciplinary Linguistics Certificate and the English Linguistics Emphasis or the Spanish Linguistics Emphasis as their first and second degree programs for purposes of graduation. Also, courses that count in the certificate may not be applied to the student's major.

Interdisciplinary Linguistics, Minor

Liberal Arts (Code 570-402)

For advising, contact the English Department.

The ability to communicate through language is a fundamental part of being human. What is the nature of human language? Where did it come from? How is it acquired? Researchers from fields spanning the university have attempted to answer these questions, applying the perspectives of the humanities such as languages and philosophy, the social science such as anthropology, psychology, and sociology, and even the natural sciences such as computer science and neuroscience. Students in the Interdisciplinary Linguistics minor will investigate the structure, acquisition, and social functions of human language by drawing on the theories and methodologies of multiple disciplines.

Twenty-four semester credits, including at least 12 credits at the 300 level or higher, as follows:

Core Courses - at least 8 credits from the following:

ANTH 315	Language in Culture and Society
CSD 262	Phonetics: Theory and Application
ENGL 221	Introductory English Linguistics
ENGL 321	Topics in the Structure of English
ENGL 325	Topics in Language in Society

Elective Courses - at least 15 credits

Additional core courses may be taken as electives. ENGL 321 and ENGL 325 may be taken a second time with a different topic. Electives may also be chosen from the following:

CJ/WMNS 111	Gender, Race, Class, and Communication: The Social Construction of Identity
CJ 301	Intercultural Communication
CSD 257	Normal Communication Development
CSD 301	American Sign Language Semantics
CSD 302	American Sign Language Linguistics
CSD 311	Language Development and Disorders: Related Disciplines
CS 170	Computing for the Sciences and Mathematics
ENGL 121	Busting Language Myths
ENGL 421	Seminar in Linguistic Research
FLG 378	Second Language Acquisition Theory
FREN 325	Phonetics and Pronunciation
FREN 430	Environmental and Linguistic Diversity
GERM 325	The German Sound System
GERM 413	Structure of German in Contrast
PHIL 250	Symbolic Logic
PHIL 322	Philosophy of Language
SPAN 325	Phonetics and Pronunciation
SPAN 360	Survey of Hispanic Linguistics
SPAN/LAS 418	Spanish Sociolinguistics in Latin America/USA

Elementary or intermediate language courses, including American Sign Language: maximum 4 credits per language and 8 credits total.

Note: A maximum 12 credits counted in the major can be counted in the minor. Students may not pair an English Linguistics major with the minor.

Language Arts, Minor - Teaching

Middle Childhood/Early Adolescence (Code 930-402)

For advising, contact the Education Studies Department.

Consisting of studies in Communication, Communication Sciences and Disorders, English, Education, and Theatre Arts, this minor provides a broad background which is useful to all teachers in the language arts. This minor is an approved minor for individuals seeking licensure to teach in Middle Childhood through Early Adolescence classrooms.

Twenty-four semester credits, including:

ENGL 150	Introduction to Literature	3
ENGL 302	Teaching Writing in the Elementary and Middle School	3
LMED 306	Literature For Adolescents	3
ES 316	Teaching Multicultural Literature in Grades K-12	3

Select six credits from the following: 6

ENGL 220	Introduction to Creative Writing	
ENGL 221	Introductory English Linguistics	
THEA 335	Drama in Education	
THEA 336	Theatre for Youth	
CJ 105	Communication in Contemporary Society	
CJ 184	Multimedia Communication	
CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 250	Introduction to Organizational Communication	
CJ 280	Visual Communication	

Select six credits from the following: 6

ENGL 130	Introduction to World/Postcolonial Literature	
ENGL 142	Introduction to American Indian Literatures	
ENGL 181	Making Sense of the Movies	
ENGL 230	Survey of World/Postcolonial Literature	
ENGL 242	The American Indian in Literature and Film	
ENGL 243	American Literature to 1865	
ENGL 244	American Literature from 1865-1945	
ENGL 245	American Literature Since 1945	
ENGL 252	Perspectives on Pre-1790 British Literature	
ENGL 257	Representative Shakespeare	
ENGL 259	Perspectives on British Literature After 1790	
ENGL 268	Survey of American Ethnic Literature	
ENGL 272	Perspectives in Popular Texts	
ENGL 274	The Short Story	
ENGL 275	The Novel	
ENGL 276	Poetry	
ENGL 277	Drama	
ENGL 296	Perspectives on Women's Literature	

Total Credits

24

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A and leads to licensure to teach English/Language Arts in Middle Childhood through Early Adolescence classrooms.

Liberal Studies, Comprehensive Major

Liberal Arts (Code 370-001)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		
Apply for graduation on CampS.		
¹ Certain programs exceed this minimum. ² See special requirements in each College. ³ See special requirements for the College of Education and Human Sciences.		
Liberal Education Core		
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.		
Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal	
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal	
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal	
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal	
Service-Learning (p. 49)	30 hours

College Degree Requirements

Bachelor of Liberal Studies

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is

required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Liberal Studies Degree in the College of Arts and Sciences (B.L.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work).

Major Requirements

Adviser: M. Goulet, Director of Liberal Studies (Mathematics and College of Arts and Sciences)

The Liberal Studies Comprehensive Major (LSCM) provides an alternative to traditional majors. Every student majoring in Liberal Studies develops an individualized program of study, supported by consultation with the Liberal Studies Program Director and, in some cases, with a faculty adviser. Each individualized program of study includes a primary theme, three required Liberal Studies seminars (LS 201, LS 301, and LS 480), and three interdisciplinary areas of concentration that explore the primary theme. Through this structure, Liberal Studies offers an opportunity to connect several areas of academic interest that are not located in any single discipline. Students in Liberal Studies have a unique opportunity to benefit from coursework in departments across the university and to build an educational experience that is highly relevant to their professional and personal goals. Liberal Studies majors will also be encouraged to take advantage of UW-Eau Claire's strong tradition in student-faculty collaborative research by developing and implementing a research, scholarly, or creative project, especially related to the integrating themes of their individual academic program.

An important step for each Liberal Studies major is to formally propose their individualized program of study as a program plan. This plan describes the primary theme, three areas of concentration, and coursework to be completed for the Liberal Studies major. Some courses in the program plan may satisfy Liberal Education requirements as well as providing credit in the Liberal Studies major. To finalize their program plans, students will work with the Liberal Studies Director and submit their completed plans to the Liberal Studies Steering Committee for review and approval. This committee consists of faculty and professional advisers that have worked with Liberal Studies majors in different settings.

In order to graduate with a Liberal Studies Comprehensive Major, students must complete the requirements specified for the Bachelor of Liberal Studies (BLS) (see degree program requirements for the College of Arts and Sciences). The BLS degree is designed to help students develop the breadth of knowledge and skills that represent the core of liberal education, including knowledge of human cultures and the natural world; communication, critical thinking, problem solving, and analytical skills; and teamwork and collaborative abilities. The BLS degree also explores differences, commonalities, and interconnections among academic disciplines, including methods of inquiry and problem solving that are favored in these disciplines. Skills in written and

oral communication, critical analysis, teamwork, and application of academic findings to professional contexts are also emphasized in the Liberal Studies program.

Admission to Major Requirement: Completion of LS 201.

Curricular Requirements for the Major

A minimum of 60 credits, including:		
LS 201	Introductory Liberal Studies Seminar	3
LS 301	Liberal Studies Research Seminar	3
LS 480	Liberal Studies Capstone Seminar	3
Three Theme- or Discipline-Based Concentrations (minimum 17 credits each and at least 51 credits total)		51

Each individually-designed major program must include at least 39 credits from College of Arts and Sciences course work and a minimum of 21 upper-division credits.

Marine Science, Minor

Liberal Arts (Code 150-400)

Advisers: D. Lonzarich (Biology) [On-Campus Affiliate Coordinator] or K. Syverson (Geology).

This minor is designed for students who are majoring in biology, chemistry, geography, or geology and who are interested in Marine Science. The majority of course work (minimum of four courses) is to be taken during two summer sessions at the Gulf Coast Research Lab (GCRL) in Ocean Springs, Mississippi. Remaining credits are chosen from UW-Eau Claire courses outside of one's major. Courses in chemistry, physics, and calculus are strongly recommended.

The minor consists of 24 credits as follows:

Required courses at Gulf Coast Research Laboratory

First Summer (ten credits)

Marine Science I: Oceanography	5
Marine Science II: Marine Biology	5

Second Summer (8 to 12 credits)

Choose from advanced courses offered at the Gulf Coast Research Laboratory in consultation with an adviser 8-12

Remaining credits to be selected from courses outside of one's major from the following:

CS 170	Computing for the Sciences and Mathematics	
ENPH 441	Water and Wastewater	
GEOG 280	Cartographic Design	
GEOG 335	Geographic Information Systems I	
GEOG 338	Remote Sensing of the Environment	
GEOG 340	Climatology	
GEOL 110	Physical Geology	
GEOL 312	Mineralogy and Petrology I	
GEOL 418	Earth History	
MATH 246	Elementary Statistics	
BIOL 330	Population and Community Ecology	
BIOL 345	Invertebrate Zoology	
BIOL 361	Biology of Microorganisms	
BIOL 376	Aquatic Ecology	

BIOL 379 Biology of Fishes

CHEM 213 Quantitative Analysis

Middle East Studies, Certificate

(Code 355-601)

The **Certificate in Middle East Studies** is designed for students who have a strong interest in Middle East Studies but are not able to complete the requirements for a minor in Middle East Studies.

Twelve semester credits from at least three prefixes, selected from the following list:

RELS 307	Judaism
RELS 309	Islam
GEOG 319	Geography of the Middle East and North Africa
POLS 321	Politics of the Middle East
POLS 328	Islam and Politics
POLS 336	Arab-Israeli Conflict
HIST 366	History of Middle East Since Muhammad
HIST/WMNS 385	The History of Middle Eastern Muslim Women
SOC 304	Sociology of the Middle East

NOTE 1: Courses cannot be counted in both the major and the certificate program.

NOTE 2: Though there are no program prerequisites for the Certificate in Middle East Studies, there may be prerequisites for some of the courses that are a part of the Certificate.

For advising, see Professor S. Fink (Philosophy and Religious Studies).

Middle East Studies, Minor

Liberal Arts (Code 355-400)

Adviser: S. Fink (Philosophy and Religious Studies).

This minor examines issues in the Middle East from a variety of disciplinary perspectives and includes study of a Middle East language.

Twenty-four semester credits, including:

Required Courses

FLG 101	Beginning Foreign Language I (must be in Arabic, Turkish, Persian, or Modern Hebrew)	4
FLG 102	Beginning Foreign Language II (must be in Arabic, Turkish, Persian, or Modern Hebrew)	4

Elective Courses (16 credits) 16

Students can take no more than three courses with a single prefix, and a minimum of nine credits at the 300 or 400 level.

The Background, Minimum two courses from the following:

RELS 100	Introduction to the Religions of the World
RELS 307	Judaism
RELS 309	Islam

HIST 292	Origins of Current World Conflicts
HIST 302	Ancient Near Eastern Civilizations
HIST 382	Imperialism Since 1800
POLS 334	International Political Economy
The Middle East, Minimum three courses from the following:	
GEOG 319	Geography of the Middle East and North Africa
POLS 321	Politics of the Middle East
POLS 328	Islam and Politics
POLS 336	Arab-Israeli Conflict
HIST 366	History of Middle East Since Muhammad
HIST/WMNS 385	The History of Middle Eastern Muslim Women
SOC 304	Sociology of the Middle East
Total Credits	24

NOTE 1: ENGL 330 may be substituted for any course in The Middle East category if the topic is Middle Eastern.

NOTE 2: Students are encouraged to complete a study abroad program in a Middle Eastern country and will be able to transfer credits from that program into the minor.

NOTE 3: Students may substitute an independent study, special topics, or directed studies course with a focus on the Middle East for a course from either category with consent of the minor adviser.

Multimedia Communication, Minor

Liberal Arts (Code 608-400)

Advisers: R. Cronje (English), M. Hoffman (Communication and Journalism), C. Theo (Art & Design), G. Vadhavkar (Communication and Journalism).

The ability to develop ideas and present them through a variety of media is indispensable in our communication-rich society. The interdisciplinary minor in Multimedia Communication prepares students to analyze audiences, frame arguments, express themselves clearly in the written and spoken word, understand basic principles of visual design, gather and edit audio and video, and use web-based software to publish their work. Students take courses from the domains of visual communication (Art, Communication & Journalism), written communication (Communication & Journalism, English) and computer programming (Computer Science). The minor is suitable for students who would benefit from the ability to communicate information from their disciplines to a variety of audiences.

Students must complete a total of 24 credits for the minor. Courses counted in the core cannot be used to fulfill requirements in elective credit domains. Because the minor is designed to broaden students' knowledge and skills in multimedia communication no more than nine credits in the prefix of a student's major may be counted toward the minor.

Twenty-four semester credits, including:

Required Core Courses		
ART 312	Computer Graphics	3
CJ 184	Multimedia Communication	3
CS 318	Fundamentals of Web Page Design	3

Three credits from one of the following:		3
ENGL 220	Introduction to Creative Writing	
ENGL 307	Editing and Publications Management	
ENGL 312	Topics in Rhetoric and Science	
ENGL 313	Topics in Rhetoric and Technology	
ENGL 314	Topics in Rhetoric and Culture	

Elective Courses

No more than six credits of electives may be taken in any one prefix. An English course counted in the core cannot be used to fulfill an elective requirement. Computer Science majors may not select CS 319 to meet any minor requirement.

ART 274	Graphic Design I: Compositional Principles of Graphic Design
ART 275	Graphic Design II: Typographics
ART 278	3-D Computer Modeling
ART 281	Introduction to Photography as an Art Form
ART 374	Graphic Design IV: Publication Design
ART 375	Electronic Media Design I: Information Environments
ART 378	3-D Computer Animation I
or CS 322	Animation Programming
CJ 222	Beginning Journalism
CJ 241	Audio and Video Production Process
CJ 284	Introduction to Photography
CJ 373	Writing for Public Relations
CJ 380	Visual Communication Design
CS 319	Introduction to Web Programming
CS 320	Web Database Design and Implementation
ENGL 220	Introduction to Creative Writing
ENGL 307	Editing and Publications Management
ENGL 310	Intermediate Poetry Writing
ENGL 311	Intermediate Fiction/Nonfiction Writing
ENGL 312	Topics in Rhetoric and Science
ENGL 313	Topics in Rhetoric and Technology
ENGL 314	Topics in Rhetoric and Culture
ENGL 315	Visual Rhetorics of Science, Technology, and Culture
ENGL 409	Grant Proposal Writing
ENGL 415	Seminar in Science and Nature Writing

Neuroscience, Liberal Arts, Minor

Liberal Arts (Code 081-401)

For advising, contact the Biology Department.

Neuroscience is devoted to the understanding of the brain and the nervous system. The brain is the control system for the body and therefore has a central role in determining human health and disease. Neuroscience is interdisciplinary, intersecting with many other fields of study and thought including psychology, biology, philosophy, and medicine. Students who major in these areas should find the Neuroscience Minor a desirable complement to their major studies. Additionally, the Neuroscience Minor curriculum provides

valuable preparation for students who intend to enter postgraduate programs related to neuroscience and medicine.

Twenty semester credits required, including:

Foundation Courses:		
IDIS 125	Brain: Introduction to Neuroscience	4
BIOL 221	Foundations of Biology I ^{1,2}	4
BIOL 319	Animal Form and Function	4
A minimum of three core courses chosen from:		
BIOL 350	Systems Neuroscience	
BIOL 351	Systems Neuroscience Lab	
PSYC 374	Cognitive Neuroscience	
PSYC 375	Behavioral and Clinical Neuroscience	

Electives:

CSD 440	Neurological Aspects of Communication	
BIOL 365	Animal Behavior	
BIOL 380	Endocrinology	
PHIL 343	Philosophy of Mind	
PSYC 376	Psychology of Perception	
PSYC 377	Psychopharmacology	
PSYC 379	Cognitive Psychology	

Note 1: Up to three credits of approved neuroscience-related research from the following courses may be applied to the minor with consent of the advisor:

BIOL 399	Independent Study - Juniors	
BIOL 497	Senior Research Presentation	
BIOL 499	Independent Study - Seniors	
PSYC 399	Independent Study - Juniors	
PSYC 499	Independent Study - Seniors	

Note 2: A maximum of 12 credits from the minor may count toward the Biology or Psychology majors.

¹ Biology majors may not count BIOL 221 toward this minor.

² BIOL 221 has a pre/co-requisite of CHEM 103.

Physical Science, Comprehensive Major - Teaching

Teaching (Code 240-004)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average

Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50) ³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>)

Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>)

One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>)

One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		

PSYC 260 Educational Psychology 3

AND another learning experience

K3 (Humanities)

One literature course AND another learning experience

K4 (Fine Arts)

One fine arts course

S1 (Written and Oral Communication)

At least one writing course from the following:

WRIT 114 Intensive Blugold Seminar in Critical Reading and Writing

WRIT 116 Blugold Seminar in Critical Reading and Writing

WRIT 118 Accelerated Blugold Seminar in Critical Reading and Writing

WRIT 120 Blugold Seminar in Critical Reading and Writing for Transfer Students

AND at least one oral communication course from the following:

CJ 201 Introduction to Interpersonal Communication

CJ 202 Fundamentals of Speech

CJ 203 Fundamentals of Human Communication

S2 (Mathematics)

LE approved math course

S3 (Creativity)

ES 497 Field Experience Seminar (included in major) 2

R1 (Equity, Diversity, Inclusivity)

ES 385 Social Foundations: Human Relations (included in major) 3

AND another learning experience

R2 (Global Perspectives)

One LE approved course

R3 (Civic and Environmental Issues)

One LE approved course

IL (Integration)

ES 497 Field Experience Seminar (included in major) 2

AND another learning experience

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EA-A Licensure Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved

majors and minors listed in the table below. The approved majors and minors lead to additional certification.

- a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option B: EA-A

Early Adolescence through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
Prescribed special methods course(s) (see approved majors and minors below)		
ES 445 & ES 470	Student Teaching in Middle Level Education and Student Teaching in Secondary Education	14
or ES 446 or ES 475	Internship Teaching in Middle Level Education or Internship Teaching in Secondary Education	
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2

NOTE: Although majors must be from the approved list below, the second plan may be from the approved list. Students pursuing EA-A licensure are not required to elect a second plan that leads to a teaching license.

Approved Majors and Minors for Option B

Comprehensive Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II Content Test Required
English	540-006	ENGL 319, ENGL 419		ETS 5038
Earth and Space Science	160-015 ¹	ES 359 (F)		ETS 5435
Mathematics	180-002	ES 357		ETS 5061
Physical Science ¹	240-004	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Physics-Mathematics ¹				ETS 5161 and ETS 5435 (regardless of emphasis)
Physics Emphasis	210-003	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Mathematics Emphasis	210-004	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	

Social Studies	500-XXX	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
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Majors	Code	Prescribed Methods Course	Additional Requirements	Praxis II Content Test Required
Biology ¹	080-205	ES 367 (Sp)	BIOL 180 or GEOG 178	ETS 5435
Chemistry ¹	100-204	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Economics	360-204	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
English	540-210	ENGL 319, ENGL 419		ETS 5038
Geography	140-213	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
History	380-206	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Mathematics	180-207	ES 357		ETS 5161
Physics ¹	230-205	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-203	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
Biology	080-403	ES 367 (SP)	BIOL 180 or GEOG 178	ETS 5435
Chemistry	100-406	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Coaching	971-403	KINS 492		no addt'l exam
Economics	360-404	ES 356	BIOL 180 or GEOG 178	ETS 5081
English	540-408	ENGL 319, ENGL 419		ETS 5038
French	260-404	ES 366 (F) in language	Study abroad	WPT and OPI or OPIc
Geography	140-413	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Geology	160-402	ES 359 (F)		
German	280-404	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
History	380-404	ES 356 (SP)	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Learning Disabilities	950-471			ETS 5146
Library Science	960-403		EC-A licensure	no addt'l exam for this minor
Mathematics	180-407	ES 357		ETS 5161

Physics	230-403	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-403	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Sociology	480-404	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Spanish	320-405	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
Teaching English to Speakers of Other Languages (TESOL)	550-408	ES 405 (F)	1 yr college level foreign language	ETS 0361
Theatre Arts	601-424	ES 361 (F)		ETS 0641

¹ Broadfield Science add-on certification is available with these majors and requires ES 359 (fall only) and ES 367 (spring only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Advisers: E. Hendrickson (Physics and Astronomy), or L. Likkel (Physics and Astronomy).

Sixty semester credits, including:

PHYS 226	Astronomy-Solar System	4
PHYS 231	University Physics I	5
PHYS 232	University Physics II	5
PHYS 332	University Physics III	3
PHYS 340	Optics	4
PHYS 350	Electric and Electronic Circuits	4
MATH 114	Calculus I	4
MATH 215	Calculus II	4

Select one of the following options: 23

Option 1

CHEM 115 Chemical Principles

CHEM 213 Quantitative Analysis

CHEM 218 Introduction to Inorganic Chemistry

CHEM 325 Organic Chemistry I with Laboratory

CHEM 326 Organic Chemistry II with Laboratory

CHEM 420 Advanced Synthesis Laboratory

Option 2

CHEM 103 General Chemistry I

CHEM 104 General Chemistry II

CHEM 213 Quantitative Analysis

CHEM 218 Introduction to Inorganic Chemistry

CHEM 325 Organic Chemistry I with Laboratory

CHEM 326 Organic Chemistry II with Laboratory

Required:

At least four credits of electives from MATH 112 or additional Chemistry or Physics courses. 4

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Chemistry, Physics, and Physical Science in Early Adolescence through Adolescence classrooms.

NOTE: Completion of the following requirements and ES 367 adds Broadfield Science licensure to the Physical Science major: BIOL 105 and BIOL 151, and eight credits from GEOG 104, GEOL 110 or GEOL 115, PHYS 229.

Physics-Mathematics, Mathematics Emphasis, Comprehensive Major - Teaching

Teaching (Code 210-004)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate

will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		
WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	
WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students	
AND at least one oral communication course from the following:		
CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	
S2 (Mathematics)		
LE approved math course		

S3 (Creativity)		
ES 497	Field Experience Seminar (included in major)	2
R1 (Equity, Diversity, Inclusivity)		
ES 385	Social Foundations: Human Relations (included in major)	3
AND another learning experience		
R2 (Global Perspectives)		
One LE approved course		
R3 (Civic and Environmental Issues)		
One LE approved course		
IL (Integration)		
ES 497	Field Experience Seminar (included in major)	2
AND another learning experience		

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EA/A Licensure Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option C: EC-A Early Childhood through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2

Prescribed special methods course(s) (see approved majors and minors below)

Student Teaching Courses from list below:			14
ES 441	Student Teaching in Elementary Education		7
AND			
ES 445	Student Teaching in Middle Level Education		7
or ES 470	Student Teaching in Secondary Education		
or			
ES 440	Internship Teaching in Elementary Education		7-14
or			
ES 446	Internship Teaching in Middle Level Education		7-14
or			
ES 475	Internship Teaching in Secondary Education		7-14

NOTE 1: SPED 300 (not required of Kinesiology or Music majors).

NOTE 2: ES 441 is not required for Foreign Language majors and minors in the student teaching semester as an earlier elementary level field placement (required by DPI) occurs in ES 437.

NOTE 3: Music Education majors take MUED 318 instead of ES 318 and MUED 487 or MUED 488 instead of ES 441 and one of ES 445 or ES 470, or ES 440, or ES 446, or ES 475.

Approved Majors and Minors for Option C

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II or ACTFL Content Test Required
Art	020-072	ART 304 (Sp), ES 350 (F), ES 354 (Sp)		ETS 0134
Latin American Studies	340-003	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II ACTFL Content Test Required
Music, Instrumental/General	060-057	MUED 211, MUED 300, MUED 310, MUED 318, MUED 411, MUED 421		ETS 0113
Music, Choral/General	060-058	MUED 211, MUED 300, MUED 310, MUED 318, MUED 410, MUED 420		ETS 0113
Kinesiology	991-065	KINS 290		ETS 0091
French	260-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
German	280-204	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc

Spanish	320-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIC
Theatre Arts	601-204	ES 361 (F)		ETS 0641

Minors	Code	Prescribed Methods Course	Additional Requirement	Praxis II ACTFL Content TEst Required
Adaptive Physical Education	991-459		Only with KINS major	No addtl exam
French	260-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIC
German	280-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIC
Spanish	320-407	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIC
TESOL	550-410	ES 405 (F)	Only with F Lg major	ETS 0361

NOTE: Students completing an EC-A comprehensive major or standard major may complete an additional major or minor with licensure at the EA-A level from the list under Option B above.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Advisers: E. Hendrickson (Physics and Astronomy), L. Likkel (Physics and Astronomy), or A. Smith (Mathematics).

Sixty semester credits including:

PHYS 231	University Physics I	5
PHYS 232	University Physics II	5
PHYS 332	University Physics III	3
PHYS 333	Quantum Physics	3
PHYS 340	Optics	4
PHYS 350	Electric and Electronic Circuits	4
MATH 114	Calculus I	4
MATH 215	Calculus II	4
MATH 216	Calculus III	4
MATH 324	Linear Algebra and Matrix Theory	4
MATH 330	Modern Geometry	4
MATH 345	Introduction to Probability and Mathematical Statistics	4
MATH 425	Abstract Algebra I	3

In addition to the above core of courses, each student must elect either a Physics Emphasis or a Mathematics Emphasis.

All Physics-Mathematics Teaching Majors must pass the Praxis II General Science Examination, which tests content from all science areas, thus, including a broad array of science courses in students' degree programs is recommended. Majors must complete BIOL 180 or GEOG 178 as part of their General Education Program for certification reasons, but additional course work in other science disciplines would be helpful, such as CHEM 103 and CHEM 104, or CHEM 115.

Mathematics Emphasis

- At least ten credits selected from mathematics courses numbered above 305. At least one course in a computer programming language is recommended.
- A minimum of one additional physics course from the Physics Emphasis.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Physics and Mathematics in Early Adolescence through Adolescence classrooms.

Broadfield Science Licensure

NOTE: Completion of the following requirements and ES 367 adds Broadfield Science licensure to the Physics-Mathematics major:

A. Fourteen credits from one of the following areas: 14

Area 1:

BIOL 151	Biology of Humans
BIOL 214	Human Anatomy and Physiology I
BIOL 221	Foundations of Biology I
BIOL 222	Foundations of Biology II
BIOL 223	Foundations of Biological Inquiry
BIOL 314	Human Anatomy and Physiology II

Area 2:

Ten credits in chemistry courses (CHEM 103, CHEM 104) required for physics major	
CHEM 213	Quantitative Analysis

Area 3:

GEOL 110	Physical Geology
or GEOL 115	Environmental Geology
GEOG 104	The Physical Environment
PHYS 226	Astronomy-Solar System
Plus one course from:	
GEOL 102	Oceanography
GEOL 301	Earth Resources
GEOL 308	Water Resources
GEOL 418	Earth History
PHYS 229	Astronomy-Stars and Galaxies

B. Eight credits in each of the two areas not selected in A above: 8

Area 1:

BIOL 151	Biology of Humans
BIOL 214	Human Anatomy and Physiology I
BIOL 221	Foundations of Biology I

Area 2:

Ten credits in chemistry courses (CHEM 103, CHEM 104) required for physics major	
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Area 3:

GEOL 110	Physical Geology
or GEOL 115	Environmental Geology
GEOG 104	The Physical Environment
PHYS 226	Astronomy-Solar System
PHYS 229	Astronomy-Stars and Galaxies

Physics-Mathematics, Physics Emphasis, Comprehensive Major - Teaching

Teaching (Code 210-003)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
	Obtain admission to the degree program and/or the College offering it.	
	Apply for graduation on CampS.	

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>)

Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>)

Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>)

One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>)

Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>)

One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>)

One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>)

Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>)

One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>)

One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits

Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

- Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
- Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		
WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	
WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students	
AND at least one oral communication course from the following:		
CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	
S2 (Mathematics)		
LE approved math course		
S3 (Creativity)		
ES 497	Field Experience Seminar (included in major)	2
R1 (Equity, Diversity, Inclusivity)		
ES 385	Social Foundations: Human Relations (included in major)	3
AND another learning experience		
R2 (Global Perspectives)		
One LE approved course		
R3 (Civic and Environmental Issues)		

One LE approved course

IL (Integration)

ES 497	Field Experience Seminar (included in major)	2
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AND another learning experience

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EA/A Licensure Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

- a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
- a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option C: EC-A

Early Childhood through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2
Prescribed special methods course(s) (see approved majors and minors below)		
Student Teaching Courses from list below:		14
ES 441	Student Teaching in Elementary Education	7
AND		
ES 445	Student Teaching in Middle Level Education	7
or ES 470	Student Teaching in Secondary Education	
or		
ES 440	Internship Teaching in Elementary Education	7-14
or		

ES 446	Internship Teaching in Middle Level Education	7-14
or		
ES 475	Internship Teaching in Secondary Education	7-14

NOTE 1: SPED 300 (not required of Kinesiology or Music majors).

NOTE 2: ES 441 is not required for Foreign Language majors and minors in the student teaching semester as an earlier elementary level field placement (required by DPI) occurs in ES 437.

NOTE 3: Music Education majors take MUED 318 instead of ES 318 and MUED 487 or MUED 488 instead of ES 441 and one of ES 445 or ES 470, or ES 440, or ES 446, or ES 475.

Approved Majors and Minors for Option C

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II or ACTFL Content Test Required
Art	020-072	ART 304 (Sp), ES 350 (F), ES 354 (Sp)		ETS 0134
Latin American Studies	340-003	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II ACTFL Content Test Required
Music, Instrumental/General	060-057	MUED 211, MUED 300, MUED 310, MUED 318, MUED 411, MUED 421		ETS 0113
Music, Choral/General	060-058	MUED 211, MUED 300, MUED 310, MUED 318, MUED 410, MUED 420		ETS 0113
Kinesiology	991-065	KINS 290		ETS 0091
French	260-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
German	280-204	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Spanish	320-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Theatre Arts	601-204	ES 361 (F)		ETS 0641
Minors	Code	Prescribed Methods Course	Additional Requirement	Praxis II ACTFL Content Test Required
Adaptive Physical Education	991-459		Only with KINS major	No add'l exam

French	260-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
German	280-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
Spanish	320-407	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
TESOL	550-410	ES 405 (F)	Only with F Lg major	ETS 0361

NOTE: Students completing an EC-A comprehensive major or standard major may complete an additional major or minor with licensure at the EA-A level from the list under Option B above.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Advisers: E. Hendrickson (Physics and Astronomy), L. Likkel (Physics and Astronomy), or A. Smith (Mathematics).

Sixty semester credits including:

PHYS 231	University Physics I	5
PHYS 232	University Physics II	5
PHYS 332	University Physics III	3
PHYS 333	Quantum Physics	3
PHYS 340	Optics	4
PHYS 350	Electric and Electronic Circuits	4
MATH 114	Calculus I	4
MATH 215	Calculus II	4
MATH 216	Calculus III	4
MATH 324	Linear Algebra and Matrix Theory	4
MATH 330	Modern Geometry	4
MATH 345	Introduction to Probability and Mathematical Statistics	4
MATH 425	Abstract Algebra I	3

In addition to the above core of courses, each student must elect either a Physics Emphasis or a Mathematics Emphasis.

All Physics-Mathematics Teaching Majors must pass the Praxis II General Science Examination, which tests content from all science areas, thus, including a broad array of science courses in students' degree programs is recommended. Majors must complete BIOL 180 or GEOG 178 as part of their Liberal Education Program for certification reasons, but additional course work in other science disciplines would be helpful, such as CHEM 103 and CHEM 104, or CHEM 115.

Physics Emphasis

- At least ten credits from PHYS 226, PHYS 229, or any physics courses numbered above 325.
- Additional courses from the Physics Emphasis or Mathematics Emphasis to give a minimum of 60 credits in mathematics and physics.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Physics and Mathematics in Early Adolescence through Adolescence classrooms.

Broadfield Science Licensure

NOTE: Completion of the following requirements and ES 367 adds Broadfield Science licensure to the Physics-Mathematics major:

A. Fourteen credits from one of the following areas: 14

Area 1:

BIOL 151	Biology of Humans
BIOL 214	Human Anatomy and Physiology I
BIOL 221	Foundations of Biology I
BIOL 222	Foundations of Biology II
BIOL 223	Foundations of Biological Inquiry
BIOL 314	Human Anatomy and Physiology II

Area 2:

Ten credits in chemistry courses (CHEM 103, CHEM 104) required for physics major
CHEM 213 Quantitative Analysis

Area 3:

GEOL 110	Physical Geology
or GEOL 115	Environmental Geology
GEOG 104	The Physical Environment
PHYS 226	Astronomy-Solar System

Plus one course from:

GEOL 102	Oceanography
GEOL 301	Earth Resources
GEOL 308	Water Resources
GEOL 418	Earth History
PHYS 229	Astronomy-Stars and Galaxies

B. Eight credits in each of the two areas not selected in A above: 8

Area 1:

BIOL 151	Biology of Humans
BIOL 214	Human Anatomy and Physiology I
BIOL 221	Foundations of Biology I

Area 2:

Ten credits in chemistry courses (CHEM 103, CHEM 104) required for physics major

Area 3:

GEOL 110	Physical Geology
or GEOL 115	Environmental Geology
GEOG 104	The Physical Environment
PHYS 226	Astronomy-Solar System
PHYS 229	Astronomy-Stars and Galaxies

Pre-Professional Health Science, Minor

Liberal Arts (Code 709-400)

For advising, contact one of the pre-professional advisers listed with the pre-professional program of interest or contact the Biology Department for a referral.

This minor is designed for students preparing for post-baccalaureate health profession programs. Students in pre-dentistry, pre-optometry, pre-chiropractic, pre-pharmacy, pre-physical therapy, and other pre-professional health programs, as found in this catalog, may find this minor helpful in planning a baccalaureate degree. Because admission requirements vary widely among graduate programs, it is strongly recommended that the student consult with an adviser listed with the pre-professional program of interest. This minor may not be appropriate preparation for some graduate-level health profession programs.

Twenty-four credits are required from courses outside of the major department. At least eleven credits must be from courses numbered 300 or higher.

Core:

BIOL 221	Foundations of Biology I	4
BIOL 222	Foundations of Biology II	3
BIOL 223	Foundations of Biological Inquiry	2
CHEM 104	General Chemistry II	4-6
or CHEM 115	Chemical Principles	
CHEM 325	Organic Chemistry I with Laboratory	4
CHEM 326	Organic Chemistry II with Laboratory	4
PHYS 212	General Physics	4
or PHYS 232	University Physics II	

Select one of the following:

ENGL 312	Topics in Rhetoric and Science	3
ENGL 313	Topics in Rhetoric and Technology	
ENGL 314	Topics in Rhetoric and Culture	
ENGL 315	Visual Rhetorics of Science, Technology, and Culture	

Remaining credits are to be chosen from the following courses outside of one's major:

BIOL 214	Human Anatomy and Physiology I & BIOL 314	and Human Anatomy and Physiology II ¹
BIOL 323	Genetics	
BIOL 361	Biology of Microorganisms	
CHEM 213	Quantitative Analysis	
CHEM 352	Fundamentals of Biochemistry	
ECON 280	Health Economics	
ENPH 110	Introduction to Environmental Health	
NRSG 211	Wellness: Food for Fitness	
NRSG 212	Navigating Health Care	
NRSG 213	Body, Mind, Spirit Wellness	
NRSG 220	The Language of Health Care	
NRSG 377	International Dimensions of Health Care	
NRSG 385	Men's Health Issues	
NRSG 389	Cross Cultural Health	
NRSG/WMNS 265	Women's Health Issues	
IDIS 301	Exploring Mind/Body Connections	
MATH 114	Calculus I	
MATH 246	Elementary Statistics	
PHIL 306	Ethics of Health Care	
PSYC 230	Human Development	

¹ No credit for BIOL 214 unless BIOL 314 is taken, and only five credits of BIOL 214 and BIOL 314 may be counted toward the minor

Russia and East European Studies, Minor

Liberal Arts (Code 331-402)

Adviser: S. Majstorovic (Political Science).

The Russia and East European Studies Minor is designed:

1. to develop a multidisciplinary understanding of the peoples and cultures of Russia and its East European neighbors;
2. to provide a broad program for students interested in international economics or international relations; and
3. to provide systematic knowledge of this important area of Europe essential to a better understanding of today's world.

Twenty-four semester credits distributed as follows:

Core Requirements (8 credits)		
RUSS 101	Beginning Russian I	4
RUSS 102	Beginning Russian II	4
Electives (16 credits) ¹		16
ENGL 130	Introduction to World/Postcolonial Literature	
GEOG 308	Geography of Russia and Eastern Europe	
HIST 371	History of the Modern Balkans	
HIST 375	Twentieth Century Russia	
HIST 379	History of Modern East Europe	
POLS 322	Politics of Russia	
Total Credits		24

¹ No more than nine credits from History courses are applicable to the minor.

NOTE: The course in English may apply only when the topic is Russian Literature.

Study Abroad Option: Students are encouraged to participate in the study abroad program in Latvia offered by UW-Eau Claire. Course credit gained in this program may be used to fulfill part of the Russia and East European minor. For more information about the study abroad option, contact Professor S. Majstorovic (Political Science).

Social Studies, Broadfield Teaching Economics Emphasis, Comprehensive Major

Teaching (Code 500-018)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120

Upper division credits (courses numbered 300 and higher)	39
Liberal Education Core (p. 46)	36
Academic Concentrations (p. 50)	

Grade Point Requirements (p. 49) ²

Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50) ³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal	
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal	
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal	
Service-Learning (p. 49)	30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		
WRIT 114	Intensive Bugold Seminar in Critical Reading and Writing	
WRIT 116	Bugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Bugold Seminar in Critical Reading and Writing	
WRIT 120	Bugold Seminar in Critical Reading and Writing for Transfer Students	
AND at least one oral communication course from the following:		
CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	
S2 (Mathematics)		
LE approved math course		
S3 (Creativity)		
ES 497	Field Experience Seminar (included in major)	2
R1 (Equity, Diversity, Inclusivity)		
ES 385	Social Foundations: Human Relations (included in major)	3
AND another learning experience		
R2 (Global Perspectives)		
One LE approved course		
R3 (Civic and Environmental Issues)		
One LE approved course		
IL (Integration)		
ES 497	Field Experience Seminar (included in major)	2
AND another learning experience		

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EA-A Licensure

Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option B: EA-A Early Adolescence through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
Prescribed special methods course(s) (see approved majors and minors below)		
ES 445 & ES 470	Student Teaching in Middle Level Education and Student Teaching in Secondary Education	14
or ES 446	Internship Teaching in Middle Level Education	
or ES 475	Internship Teaching in Secondary Education	
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2

NOTE: Although majors must be from the approved list below, the second plan may be from the approved list. Students pursuing EA-A licensure are not required to elect a second plan that leads to a teaching license.

Approved Majors and Minors for Option B

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II Content Test Required
English	540-006	ENGL 319, ENGL 419		ETS 5038
Earth and Space Science	160-015 ¹	ES 359 (F)		ETS 5435

Mathematics	180-002	ES 357		ETS 5061
Physical Science ¹	240-004	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Physics-Mathematics ¹				ETS 5161 and ETS 5435 (regardless of emphasis)
Physics Emphasis	210-003	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Mathematics Emphasis	210-004	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Social Studies	500-XXX	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Majors	Code	Prescribed Methods Course	Additional Requirements	Praxis II Content Test Required
Biology ¹	080-205	ES 367 (Sp)	BIOL 180 or GEOG 178	ETS 5435
Chemistry ¹	100-204	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Economics	360-204	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
English	540-210	ENGL 319, ENGL 419		ETS 5038
Geography	140-213	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
History	380-206	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Mathematics	180-207	ES 357		ETS 5161
Physics ¹	230-205	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-203	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
Biology	080-403	ES 367 (SP)	BIOL 180 or GEOG 178	ETS 5435
Chemistry	100-406	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Coaching	971-403	KINS 492		no addt'l exam
Economics	360-404	ES 356	BIOL 180 or GEOG 178	ETS 5081
English	540-408	ENGL 319, ENGL 419		ETS 5038
French	260-404	ES 366 (F) in language	Study abroad	WPT and OPI or OPIc
Geography	140-413	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Geology	160-402	ES 359 (F)		
German	280-404	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
History	380-404	ES 356 (SP)	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Learning Disabilities	950-471			ETS 5146
Library Science	960-403		EC-A licensure	no addtl exam for this minor
Mathematics	180-407	ES 357		ETS 5161
Physics	230-403	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-403	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Sociology	480-404	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Spanish	320-405	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
Teaching English to Speakers of Other Languages (TESOL)	550-408	ES 405 (F)	1 yr college level foreign language	ETS 0361
Theatre Arts	601-424	ES 361 (F)		ETS 0641

¹ Broadfield Science add-on certification is available with these majors and requires ES 359 (fall only) and ES 367 (spring only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Single Concentration Advisers: W. Carroll (Economics), E. Zeitler (Geography), K. Lang (History), R. Freitag (Political Science), or J. Hein (Sociology).

Dual Concentration Advisers: K. Lang (History) or R. Freitag (Political Science).

The comprehensive major in Broadfield Social Studies prepares education students to teach fusion social studies courses and subject specific social studies courses in their area or areas of concentration.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach fusion social studies courses in Early Adolescence through Adolescence classrooms and also courses in discrete subjects in which 24 credits are completed.

After admission to the Education Professional Program, all Broadfield Social Studies majors must pass the Praxis II Social Studies examination (Exam #10081). This examination is prepared by the Educational Testing Service and tests content from all social studies subject areas. Praxis II examinations may be taken on campus at the Office of Academic Testing (Schofield 226).

Students will choose one of two emphases available within the Broadfield Social Studies major.

Single-concentration Emphasis: The Broadfield Social Studies major with the single-concentration emphasis leads to certification to teach fusion social studies courses and courses in the area of concentration.

Sixty semester credits, including:

1. A 36-credit concentration in Economics 36

Courses taken to fulfill this requirement must be those specified as constituting a teaching major in the appropriate department

2. Required Courses

IDIS 285	Integrating the Social Sciences: The Social Studies	3
POLS 110	American National Politics	3
POLS 301	State and Local Politics	3

3. Remaining credits to total 60 in the major. The 60 credits will be from at least four subject areas.

The remaining credits will be chosen from the following (if not included in the concentration):

ECON 321	Money and Banking	3
GEOG 111	Human Geography	3
GEOG 325	Geography of the United States and Canada	3
GEOG 379	Geography of Wisconsin	3
HIST 114	United States History to 1877	3
HIST 115	United States History Since 1877	3
HIST 124	World History to 1500	3
HIST 125	World History Since 1500	3
HIST 210	African American History 1865 to Present	3
or HIST/AIS 240	American Indian History	
POLS 122	Introduction to World Politics	3
POLS 260	Introduction to Comparative Politics	3
POLS 305	Survey of U.S. Constitutional Principles	3
SOC 101	Introduction to Sociology	3
SOC 164	Family and Intimate Relationships	3
SOC 242	Contemporary Social Problems	3
SOC 312	Race and Ethnicity in the U.S.	3
SOC/WMNS 202	Women and Men in Society: The Sociology of Gender	3
CRMJ 103	Survey of the Criminal Justice System	3

NOTE 1: In addition to the 60-credit major, students must complete GEOG 178 or BIOL 180 and PSYC 260.

Students with a single-concentration emphasis will receive certification in broadfield social studies and one area of concentration.

Students who also choose to include in their program a certifiable minor in a subject outside of social studies (in addition to the Broadfield Social Studies major) will take the appropriate Praxis II examination in that subject as well as the social studies examination.

For advising, see an adviser in the area of concentration.

As an alternative to the Broadfield Social Studies major, students may select a teaching major (36 credits) in Economics, History, or Political Science in conjunction with a certifiable minor (24 credits). This program leads to certification to teach courses in the major and minor subjects, but not fusion

social studies courses. These students must take the Praxis II social studies exam and also, if the minor is outside of social studies, the Praxis II content exam in the minor.

Social Studies, Broadfield Teaching Economics/History Emphasis, Comprehensive Major

Teaching (Code 500-023)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		
Apply for graduation on CampS.		

¹ Certain programs exceed this minimum.
² See special requirements in each College.
³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
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Service-Learning Goal

Service-Learning (p. 49)	30 hours
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College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

- 4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
- 5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		
WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	
WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students	
AND at least one oral communication course from the following:		
CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	
S2 (Mathematics)		
LE approved math course		
S3 (Creativity)		
ES 497	Field Experience Seminar (included in major)	2
R1 (Equity, Diversity, Inclusivity)		
ES 385	Social Foundations: Human Relations (included in major)	3

AND another learning experience		
R2 (Global Perspectives)		
One LE approved course		
R3 (Civic and Environmental Issues)		
One LE approved course		
IL (Integration)		
ES 497	Field Experience Seminar (included in major)	2
AND another learning experience		

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EA-A Licensure Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option B: EA-A Early Adolescence through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
Prescribed special methods course(s) (see approved majors and minors below)		
ES 445 & ES 470	Student Teaching in Middle Level Education and Student Teaching in Secondary Education	14
or ES 446	Internship Teaching in Middle Level Education	
or ES 475	Internship Teaching in Secondary Education	
ES 490	Historical, Legal, and Philosophical Foundations of Education	3

ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2

NOTE: Although majors must be from the approved list below, the second plan may be from the approved list. Students pursuing EA-A licensure are not required to elect a second plan that leads to a teaching license.

Approved Majors and Minors for Option B

Comprehensiv Code Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II Content Test Required
English	540-006	ENGL 319, ENGL 419		ETS 5038
Earth and Space Science	160-015 ¹	ES 359 (F)		ETS 5435
Mathematics	180-002	ES 357		ETS 5061
Physical Science ¹	240-004	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Physics-Mathematics ¹				ETS 5161 and ETS 5435 (regardless of emphasis)
Physics Emphasis	210-003	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Mathematics Emphasis	210-004	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Social Studies	500-XXX	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Majors	Code	Prescribed Methods Course	Additional Requirements	Praxis II Content Test Required
Biology ¹	080-205	ES 367 (Sp)	BIOL 180 or GEOG 178	ETS 5435
Chemistry ¹	100-204	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Economics	360-204	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
English	540-210	ENGL 319, ENGL 419		ETS 5038
Geography	140-213	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
History	380-206	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Mathematics	180-207	ES 357		ETS 5161
Physics ¹	230-205	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-203	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required

Biology	080-403	ES 367 (SP)	BIOL 180 or GEOG 178	ETS 5435
Chemistry	100-406	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Coaching	971-403	KINS 492		no addt'l exam
Economics	360-404	ES 356	BIOL 180 or GEOG 178	ETS 5081
English	540-408	ENGL 319, ENGL 419		ETS 5038
French	260-404	ES 366 (F) in language	Study abroad	WPT and OPI or OPIc
Geography	140-413	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Geology	160-402	ES 359 (F)		
German	280-404	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
History	380-404	ES 356 (SP)	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Learning Disabilities	950-471			ETS 5146
Library Science	960-403		EC-A licensure	no addt'l exam for this minor
Mathematics	180-407	ES 357		ETS 5161
Physics	230-403	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-403	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Sociology	480-404	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Spanish	320-405	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
Teaching English to Speakers of Other Languages (TESOL)	550-408	ES 405 (F)	1 yr college level foreign language	ETS 0361
Theatre Arts	601-424	ES 361 (F)		ETS 0641

¹ Broadfield Science add-on certification is available with these majors and requires ES 359 (fall only) and ES 367 (spring only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Single Concentration Advisers: W. Carroll (Economics), E. Zeitler (Geography), K. Lang (History), R. Freitag (Political Science), or J. Hein (Sociology).

Dual Concentration Advisers: K. Lang (History) or R. Freitag (Political Science).

The comprehensive major in Broadfield Social Studies prepares education students to teach fusion social studies courses and subject specific social studies courses in their area or areas of concentration.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach fusion social studies courses in Early Adolescence through Adolescence classrooms and also courses in discrete subjects in which 24 credits are completed.

After admission to the Education Professional Program, all Broadfield Social Studies majors must pass the Praxis II Social Studies examination (Exam #10081). This examination is prepared by the Educational Testing Service and tests content from all social studies subject areas. Praxis II examinations may be taken on campus at the Office of Academic Testing (Schofield 226).

Students will choose one of two emphases available within the Broadfield Social Studies major.

Dual-concentration Emphasis: The Broadfield Social Studies major with the dual-concentration emphasis leads to certification to teach fusion social studies courses, history courses, and courses in the second area of concentration.

Sixty semester credits, including:

History Concentration		
HIST 114	United States History to 1877	3
HIST 124	World History to 1500	3
HIST 125	World History Since 1500	3
HIST 288	Introduction to Research Methods and the Profession	3

Select from the following:

HIST 115	United States History Since 1877	
HIST/WMNS 205	American Women's History	
HIST 210	African American History 1865 to Present	
HIST/AIS 240	American Indian History	

At least 9 additional credits in History at the 300 or 400 level, with one course from United States history, one course from European history, and one course from World History¹

1. A 24-credit concentration in Economics 24

Courses taken to fulfill this requirement must be those specified as constituting a teaching minor in the appropriate department

2. Required Courses

IDIS 285	Integrating the Social Sciences: The Social Studies	3
POLS 110	American National Politics	3

Select one of the following:

3. Remaining credits to total 60 in the major. The 60 credits will be from at least four subject areas.

The remaining credits will be chosen from the following (if not included in the concentration):

ECON 321	Money and Banking	3
GEOG 111	Human Geography	3
GEOG 325	Geography of the United States and Canada	3
GEOG 379	Geography of Wisconsin	3

POLS 122	Introduction to World Politics	3
POLS 260	Introduction to Comparative Politics	3
POLS 301	State and Local Politics	3
POLS 305	Survey of U.S. Constitutional Principles	3
SOC 101	Introduction to Sociology	3
SOC 164	Family and Intimate Relationships	3
SOC 242	Contemporary Social Problems	3
SOC 312	Race and Ethnicity in the U.S.	3
SOC/WMNS 202	Women and Men in Society: The Sociology of Gender	3
CRMJ 103	Survey of the Criminal Justice System	3

¹ See History Department for course listings. (p. 263)

NOTE 1: In addition to the 60-credit major, students must complete GEOG 178 or BIOL 180 and PSYC 260.

Students who complete the dual-concentration emphasis will receive broadfield social studies, history, and discrete subject certification in the social studies subject in which they complete 24 credits.

Students who also choose to include in their program a certifiable minor in a subject outside of the social studies (in addition to the Broadfield Social Studies major) will take the appropriate Praxis II examination in that subject as well as the social studies examination.

After initial advising, students will then be assigned two advisers, one in the Department of History and one in the other subject in which they elect to complete 24 credits.

As an alternative to the Broadfield Social Studies major, students may select a teaching major (36 credits) in Economics, History, or Political Science in conjunction with a certifiable minor (24 credits). This program leads to certification to teach courses in the major and minor subjects, but not fusion social studies courses. These students must take the Praxis II social studies exam and also, if the minor is outside of social studies, the Praxis II content exam in the minor.

Social Studies, Broadfield Teaching Geography Emphasis, Comprehensive Major

Teaching (Code 500-019)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49)²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average

Minor	2.00 average
Certificate	2.00 average
University Residency Requirements (p. 50)³	
Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
	At least one Biology course	
	AND at least one of Chemistry, Physics, Geography, or Geography course (one science lab required)	
K2 (Social Sciences)		

PSYC 260 Educational Psychology 3
AND another learning experience

K3 (Humanities)

One literature course AND another learning experience

K4 (Fine Arts)

One fine arts course

S1 (Written and Oral Communication)

At least one writing course from the following:

WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	
WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students	

AND at least one oral communication course from the following:

CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	

S2 (Mathematics)

LE approved math course

S3 (Creativity)

ES 497 Field Experience Seminar (included in major) 2

R1 (Equity, Diversity, Inclusivity)

ES 385 Social Foundations: Human Relations (included in major) 3

AND another learning experience

R2 (Global Perspectives)

One LE approved course

R3 (Civic and Environmental Issues)

One LE approved course

IL (Integration)

ES 497 Field Experience Seminar (included in major) 2

AND another learning experience

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EA-A Licensure

Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved

majors and minors listed in the table below. The approved majors and minors lead to additional certification.

2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option B: EA-A

Early Adolescence through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
Prescribed special methods course(s) (see approved majors and minors below)		
ES 445 & ES 470	Student Teaching in Middle Level Education and Student Teaching in Secondary Education	14
or ES 446	Internship Teaching in Middle Level Education	
or ES 475	Internship Teaching in Secondary Education	
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2

NOTE: Although majors must be from the approved list below, the second plan may be from the approved list. Students pursuing EA-A licensure are not required to elect a second plan that leads to a teaching license.

Approved Majors and Minors for Option B

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II Content Test Required
English	540-006	ENGL 319, ENGL 419		ETS 5038
Earth and Space Science	160-015 ¹	ES 359 (F)		ETS 5435
Mathematics	180-002	ES 357		ETS 5061
Physical Science ¹	240-004	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Physics-Mathematics ¹				ETS 5161 and ETS 5435 (regardless of emphasis)
Physics Emphasis	210-003	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Mathematics Emphasis	210-004	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	

Social Studies	500-XXX	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Majors	Code	Prescribed Methods Course	Additional Requirements	Praxis II Content Test Required
Biology ¹	080-205	ES 367 (Sp)	BIOL 180 or GEOG 178	ETS 5435
Chemistry ¹	100-204	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Economics	360-204	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
English	540-210	ENGL 319, ENGL 419		ETS 5038
Geography	140-213	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
History	380-206	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Mathematics	180-207	ES 357		ETS 5161
Physics ¹	230-205	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-203	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
Biology	080-403	ES 367 (SP)	BIOL 180 or GEOG 178	ETS 5435
Chemistry	100-406	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Coaching	971-403	KINS 492		no addt'l exam
Economics	360-404	ES 356	BIOL 180 or GEOG 178	ETS 5081
English	540-408	ENGL 319, ENGL 419		ETS 5038
French	260-404	ES 366 (F) in language	Study abroad	WPT and OPI or OPic
Geography	140-413	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Geology	160-402	ES 359 (F)		
German	280-404	ES 366 (F)	Study abroad in language	WPT and OPI or OPic
History	380-404	ES 356 (SP)	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Learning Disabilities	950-471			ETS 5146
Library Science	960-403		EC-A licensure	no addt'l exam for this minor
Mathematics	180-407	ES 357		ETS 5161

Physics	230-403	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-403	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Sociology	480-404	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Spanish	320-405	ES 366 (F)	Study abroad in language	WPT and OPI or OPic
Teaching English to Speakers of Other Languages (TESOL)	550-408	ES 405 (F)	1 yr college level foreign language	ETS 0361
Theatre Arts	601-424	ES 361 (F)		ETS 0641

¹ Broadfield Science add-on certification is available with these majors and requires ES 359 (fall only) and ES 367 (spring only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Single Concentration Advisers: W. Carroll (Economics), E. Zeitler (Geography), K. Lang (History), R. Freitag (Political Science), or J. Hein (Sociology).

Dual Concentration Advisers: K. Lang (History) or R. Freitag (Political Science).

The comprehensive major in Broadfield Social Studies prepares education students to teach fusion social studies courses and subject specific social studies courses in their area or areas of concentration.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach fusion social studies courses in Early Adolescence through Adolescence classrooms and also courses in discrete subjects in which 24 credits are completed.

After admission to the Education Professional Program, all Broadfield Social Studies majors must pass the Praxis II Social Studies examination (Exam #10081). This examination is prepared by the Educational Testing Service and tests content from all social studies subject areas. Praxis II examinations may be taken on campus at the Office of Academic Testing (Schofield 226).

Students will choose one of two emphases available within the Broadfield Social Studies major.

Single-concentration Emphasis: The Broadfield Social Studies major with the single-concentration emphasis leads to certification to teach fusion social studies courses and courses in the area of concentration.

Sixty semester credits, including:

1. A 36-credit concentration in Geography	36
GEOG 104 The Physical Environment	4
GEOG 111 Human Geography	3
GEOG 178 Conservation of the Environment	3
GEOG 200 Foundations of Geography	3
GEOG 335 Geographic Information Systems I	3

GEOG 370	Quantitative Methods in Geography	3
GEOG 401	Capstone Seminar	3

Five courses to be selected with consent of adviser including:

Two courses from Regional Geography Approach

Three courses from two of the remaining Advanced Geography Approaches

2. Required Courses

IDIS 285	Integrating the Social Sciences: The Social Studies	3
POLS 110	American National Politics	3
POLS 301	State and Local Politics	3

Select one of the following;

- ECON 103 Principles of Microeconomics & ECON 104 and Principles of Macroeconomics
- ECON 201 Introduction to Political Economy

3. Remaining credits to total 60 in the major. The 60 credits will be from at least four subject areas.

The remaining credits will be chosen from the following (if not included in the concentration):

ECON 321	Money and Banking	3
GEOG 111	Human Geography	3
GEOG 325	Geography of the United States and Canada	3
GEOG 379	Geography of Wisconsin	3
HIST 114	United States History to 1877	3
HIST 115	United States History Since 1877	3
HIST 124	World History to 1500	3
HIST 125	World History Since 1500	3
HIST 210	African American History 1865 to Present	3
or HIST/AIS 240	American Indian History	
POLS 122	Introduction to World Politics	3
POLS 260	Introduction to Comparative Politics	3
POLS 305	Survey of U.S. Constitutional Principles	3
SOC 101	Introduction to Sociology	3
SOC 164	Family and Intimate Relationships	3
SOC 242	Contemporary Social Problems	3
SOC 312	Race and Ethnicity in the U.S.	3
SOC/WMNS 202	Women and Men in Society: The Sociology of Gender	3
CRMJ 103	Survey of the Criminal Justice System	3

NOTE 1: In addition to the 60-credit major, students must complete GEOG 178 or BIOL 180 and PSYC 260.

Students with a single-concentration emphasis will receive certification in broadfield social studies and one area of concentration.

Students who also choose to include in their program a certifiable minor in a subject outside of social studies (in addition to the Broadfield Social Studies major) will take the appropriate Praxis II examination in that subject as well as the social studies examination.

For advising, see an adviser in the area of concentration.

As an alternative to the Broadfield Social Studies major, students may select a teaching major (36 credits) in Economics, History, or Political Science in conjunction with a certifiable minor (24 credits). This program leads to certification to teach courses in the major and minor subjects, but not fusion social studies courses. These students must take the Praxis II social studies exam and also, if the minor is outside of social studies, the Praxis II content exam in the minor.

Social Studies, Broadfield Teaching Geography/History Emphasis, Comprehensive Major

Teaching (Code 500-024)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		
Apply for graduation on CampS.		

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average

Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		
WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	
WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students	
AND at least one oral communication course from the following:		
CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	
S2 (Mathematics)		
LE approved math course		
S3 (Creativity)		
ES 497	Field Experience Seminar (included in major)	2

R1 (Equity, Diversity, Inclusivity)		
ES 385	Social Foundations: Human Relations (included in major)	3

AND another learning experience

R2 (Global Perspectives)		
One LE approved course		

R3 (Civic and Environmental Issues)		
One LE approved course		

IL (Integration)		
ES 497	Field Experience Seminar (included in major)	2

AND another learning experience

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EA-A Licensure Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option B: EA-A Early Adolescence through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
Prescribed special methods course(s) (see approved majors and minors below)		
ES 445 & ES 470	Student Teaching in Middle Level Education and Student Teaching in Secondary Education	14
or ES 446	Internship Teaching in Middle Level Education	
or ES 475	Internship Teaching in Secondary Education	

ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2

NOTE: Although majors must be from the approved list below, the second plan may be from the approved list. Students pursuing EA-A licensure are not required to elect a second plan that leads to a teaching license.

Approved Majors and Minors for Option B

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II Content Test Required
English	540-006	ENGL 319, ENGL 419		ETS 5038
Earth and Space Science	160-015 ¹	ES 359 (F)		ETS 5435
Mathematics	180-002	ES 357		ETS 5061
Physical Science ¹	240-004	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Physics-Mathematics ¹				ETS 5161 and ETS 5435 (regardless of emphasis)
Physics Emphasis	210-003	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Mathematics Emphasis	210-004	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Social Studies	500-XXX	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Majors	Code	Prescribed Methods Course	Additional Requirements	Praxis II Content Test Required
Biology ¹	080-205	ES 367 (Sp)	BIOL 180 or GEOG 178	ETS 5435
Chemistry ¹	100-204	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Economics	360-204	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
English	540-210	ENGL 319, ENGL 419		ETS 5038
Geography	140-213	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
History	380-206	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Mathematics	180-207	ES 357		ETS 5161
Physics ¹	230-205	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-203	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
Biology	080-403	ES 367 (SP)	BIOL 180 or GEOG 178	ETS 5435
Chemistry	100-406	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Coaching	971-403	KINS 492		no addt'l exam
Economics	360-404	ES 356	BIOL 180 or GEOG 178	ETS 5081
English	540-408	ENGL 319, ENGL 419		ETS 5038
French	260-404	ES 366 (F) in language	Study abroad	WPT and OPI or OPic
Geography	140-413	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Geology	160-402	ES 359 (F)		
German	280-404	ES 366 (F)	Study abroad in language	WPT and OPI or OPic
History	380-404	ES 356 (SP)	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Learning Disabilities	950-471			ETS 5146
Library Science	960-403		EC-A licensure	no addt'l exam for this minor
Mathematics	180-407	ES 357		ETS 5161
Physics	230-403	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-403	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Sociology	480-404	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Spanish	320-405	ES 366 (F)	Study abroad in language	WPT and OPI or OPic
Teaching English to Speakers of Other Languages (TESOL)	550-408	ES 405 (F)	1 yr college level foreign language	ETS 0361
Theatre Arts	601-424	ES 361 (F)		ETS 0641

¹ Broadfield Science add-on certification is available with these majors and requires ES 359 (fall only) and ES 367 (spring only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Single Concentration Advisers: W. Carroll (Economics), E. Zeitler (Geography), K. Lang (History), R. Freitag (Political Science), or J. Hein (Sociology).
Dual Concentration Advisers: K. Lang (History) or R. Freitag (Political Science).

The comprehensive major in Broadfield Social Studies prepares education students to teach fusion social studies courses and subject specific social studies courses in their area or areas of concentration.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach fusion social studies courses in Early Adolescence through Adolescence classrooms and also courses in discrete subjects in which 24 credits are completed.

After admission to the Education Professional Program, all Broadfield Social Studies majors must pass the Praxis II Social Studies examination (Exam #10081). This examination is prepared by the Educational Testing Service and tests content from all social studies subject areas. Praxis II examinations may be taken on campus at the Office of Academic Testing (Schofield 226).

Students will choose one of two emphases available within the Broadfield Social Studies major.

Dual-concentration Emphasis: The Broadfield Social Studies major with the dual-concentration emphasis leads to certification to teach fusion social studies courses, history courses, and courses in the second area of concentration.

Sixty semester credits, including:

History Concentration		
HIST 114	United States History to 1877	3
HIST 124	World History to 1500	3
HIST 125	World History Since 1500	3
HIST 288	Introduction to Research Methods and the Profession	3

Select from the following:

HIST 115	United States History Since 1877	
HIST/WMNS 205	American Women's History	
HIST 210	African American History 1865 to Present	
HIST/AIS 240	American Indian History	

At least 9 additional credits in History at the 300 or 400 level, with one course from United States history, one course from European history, and one course from World History¹

1. A 24-credit concentration in Geography 24

Courses taken to fulfill this requirement must be those specified as constituting a teaching minor in the appropriate department

2. Required Courses

IDIS 285	Integrating the Social Sciences: The Social Studies	3
POLS 110	American National Politics	3

Select one of the following:

ECON 103 & ECON 104	Principles of Microeconomics & Principles of Macroeconomics	
ECON 201	Introduction to Political Economy (if not included in the concentration)	

3. Remaining credits to total 60 in the major. The 60 credits will be from at least four subject areas

The remaining credits will be chosen from the following (if not included in the concentration):

ECON 321	Money and Banking	3
GEOG 111	Human Geography	3
GEOG 325	Geography of the United States and Canada	3
GEOG 379	Geography of Wisconsin	3
POLS 122	Introduction to World Politics	3
POLS 260	Introduction to Comparative Politics	3
POLS 301	State and Local Politics	3
POLS 305	Survey of U.S. Constitutional Principles	3
SOC 101	Introduction to Sociology	3
SOC 164	Family and Intimate Relationships	3
SOC 242	Contemporary Social Problems	3
SOC 312	Race and Ethnicity in the U.S.	3
SOC/WMNS 202	Women and Men in Society: The Sociology of Gender	3
CRMJ 103	Survey of the Criminal Justice System	3

¹ See History Department for course listings. (p. 263)

NOTE 1: In addition to the 60-credit major, students must complete GEOG 178 or BIOL 180 and PSYC 260.

NOTE 2: In category 4, students with a Geography concentration will choose only from among ECON 321; POLS 301, POLS 305; or SOC 312.

Students who complete the dual-concentration emphasis will receive broadfield social studies, history, and discrete subject certification in the social studies subject in which they complete 24 credits.

Students who also choose to include in their program a certifiable minor in a subject outside of the social studies (in addition to the Broadfield Social Studies major) will take the appropriate Praxis II examination in that subject as well as the social studies examination.

After initial advising, students will then be assigned two advisers, one in the Department of History and one in the other subject in which they elect to complete 24 credits.

As an alternative to the Broadfield Social Studies major, students may select a teaching major (36 credits) in Economics, History, or Political Science in conjunction with a certifiable minor (24 credits). This program leads to certification to teach courses in the major and minor subjects, but not fusion social studies courses. These students must take the Praxis II social studies exam and also, if the minor is outside of social studies, the Praxis II content exam in the minor.

Social Studies, Broadfield Teaching History Emphasis, Comprehensive Major

Teaching (Code 500-020)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		
Apply for graduation on CampS.		

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits

Major, in upper division courses 12 credits

Comprehensive Major, in upper division courses 21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
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K1 (Natural Sciences)

At least one Biology course

AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)

K2 (Social Sciences)

PSYC 260	Educational Psychology	3
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AND another learning experience

K3 (Humanities)

One literature course AND another learning experience

K4 (Fine Arts)

One fine arts course

S1 (Written and Oral Communication)

At least one writing course from the following:

WRIT 114	Intensive Bugold Seminar in Critical Reading and Writing
WRIT 116	Bugold Seminar in Critical Reading and Writing
WRIT 118	Accelerated Bugold Seminar in Critical Reading and Writing
WRIT 120	Bugold Seminar in Critical Reading and Writing for Transfer Students

AND at least one oral communication course from the following:

CJ 201	Introduction to Interpersonal Communication
CJ 202	Fundamentals of Speech
CJ 203	Fundamentals of Human Communication

S2 (Mathematics)

LE approved math course

S3 (Creativity)

ES 497	Field Experience Seminar (included in major)	2
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R1 (Equity, Diversity, Inclusivity)

ES 385	Social Foundations: Human Relations (included in major)	3
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AND another learning experience

R2 (Global Perspectives)

One LE approved course

R3 (Civic and Environmental Issues)

One LE approved course			
IL (Integration)			
ES 497	Field Experience Seminar (included in major)	2	
AND another learning experience			

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EA-A Licensure Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option B: EA-A Early Adolescence through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
Prescribed special methods course(s) (see approved majors and minors below)		
ES 445 & ES 470	Student Teaching in Middle Level Education and Student Teaching in Secondary Education	14
or ES 446 or ES 475	Internship Teaching in Middle Level Education or Internship Teaching in Secondary Education	
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2

NOTE: Although majors must be from the approved list below, the second plan may be from the approved list. Students pursuing EA-A licensure are not required to elect a second plan that leads to a teaching license.

Approved Majors and Minors for Option B

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II Content Test Required
English	540-006	ENGL 319, ENGL 419		ETS 5038
Earth and Space Science	160-015 ¹	ES 359 (F)		ETS 5435
Mathematics	180-002	ES 357		ETS 5061
Physical Science ¹	240-004	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Physics-Mathematics ¹				ETS 5161 and ETS 5435 (regardless of emphasis)
Physics Emphasis	210-003	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Mathematics Emphasis	210-004	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Social Studies	500-XXX	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Majors	Code	Prescribed Methods Course	Additional Requirements	Praxis II Content Test Required
Biology ¹	080-205	ES 367 (Sp)	BIOL 180 or GEOG 178	ETS 5435
Chemistry ¹	100-204	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Economics	360-204	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
English	540-210	ENGL 319, ENGL 419		ETS 5038
Geography	140-213	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
History	380-206	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Mathematics	180-207	ES 357		ETS 5161
Physics ¹	230-205	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-203	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
Biology	080-403	ES 367 (SP)	BIOL 180 or GEOG 178	ETS 5435
Chemistry	100-406	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Coaching	971-403	KINS 492		no add't'l exam

Economics	360-404	ES 356	BIOL 180 or GEOG 178	ETS 5081
English	540-408	ENGL 319, ENGL 419		ETS 5038
French	260-404	ES 366 (F) in language	Study abroad	WPT and OPI or OPIC
Geography	140-413	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Geology	160-402	ES 359 (F)		
German	280-404	ES 366 (F)	Study abroad in language	WPT and OPI or OPIC
History	380-404	ES 356 (SP)	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Learning Disabilities	950-471			ETS 5146
Library Science	960-403		EC-A licensure	no addt'l exam for this minor
Mathematics	180-407	ES 357		ETS 5161
Physics	230-403	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-403	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Sociology	480-404	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Spanish	320-405	ES 366 (F)	Study abroad in language	WPT and OPI or OPIC
Teaching English to Speakers of Other Languages (TESOL)	550-408	ES 405 (F)	1 yr college level foreign language	ETS 0361
Theatre Arts	601-424	ES 361 (F)		ETS 0641

¹ Broadfield Science add-on certification is available with these majors and requires ES 359 (fall only) and ES 367 (spring only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Single Concentration Advisers: W. Carroll (Economics), E. Zeitler (Geography), K. Lang (History), R. Freitag (Political Science), or J. Hein (Sociology).

Dual Concentration Advisers: K. Lang (History) or R. Freitag (Political Science).

The comprehensive major in Broadfield Social Studies prepares education students to teach fusion social studies courses and subject specific social studies courses in their area or areas of concentration.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach fusion

social studies courses in Early Adolescence through Adolescence classrooms and also courses in discrete subjects in which 24 credits are completed.

After admission to the Education Professional Program, all Broadfield Social Studies majors must pass the Praxis II Social Studies examination (Exam #10081). This examination is prepared by the Educational Testing Service and tests content from all social studies subject areas. Praxis II examinations may be taken on campus at the Office of Academic Testing (Schofield 226).

Students will choose one of two emphases available within the Broadfield Social Studies major.

Single-concentration Emphasis: The Broadfield Social Studies major with the single-concentration emphasis leads to certification to teach fusion social studies courses and courses in the area of concentration.

Sixty semester credits, including:

1. A 36-credit concentration in History 36

Courses taken to fulfill this requirement must be those specified as constituting a teaching major in the appropriate department

2. Required Courses

IDIS 285	Integrating the Social Sciences: The Social Studies	3
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POLS 110	American National Politics	3
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POLS 301	State and Local Politics	3
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Select one of the following;

ECON 103	Principles of Microeconomics & ECON 104 and Principles of Macroeconomics
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ECON 201	Introduction to Political Economy
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3. Remaining credits to total 60 in the major. The 60 credits will be from at least four subject areas.

The remaining credits will be chosen from the following (if not included in the concentration):

ECON 321	Money and Banking	3
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GEOG 111	Human Geography	3
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GEOG 325	Geography of the United States and Canada	3
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GEOG 379	Geography of Wisconsin	3
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HIST 114	United States History to 1877	3
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HIST 115	United States History Since 1877	3
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HIST 124	World History to 1500	3
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HIST 125	World History Since 1500	3
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HIST 210	African American History 1865 to Present	3
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or HIST/AIS 240	American Indian History	
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POLS 122	Introduction to World Politics	3
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POLS 260	Introduction to Comparative Politics	3
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POLS 305	Survey of U.S. Constitutional Principles	3
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SOC 101	Introduction to Sociology	3
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SOC 164	Family and Intimate Relationships	3
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SOC 242	Contemporary Social Problems	3
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SOC 312	Race and Ethnicity in the U.S.	3
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SOC/WMNS 202	Women and Men in Society: The Sociology of Gender	3
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CRMJ 103	Survey of the Criminal Justice System	3
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NOTE 1: In addition to the 60-credit major, students must complete GEOG 178 or BIOL 180 and PSYC 260.

Students with a single-concentration emphasis will receive certification in broadfield social studies and one area of concentration.

Students who also choose to include in their program a certifiable minor in a subject outside of social studies (in addition to the Broadfield Social Studies major) will take the appropriate Praxis II examination in that subject as well as the social studies examination.

For advising, see an adviser in the area of concentration.

As an alternative to the Broadfield Social Studies major, students may select a teaching major (36 credits) in Economics, History, or Political Science in conjunction with a certifiable minor (24 credits). This program leads to certification to teach courses in the major and minor subjects, but not fusion social studies courses. These students must take the Praxis II social studies exam and also, if the minor is outside of social studies, the Praxis II content exam in the minor.

Social Studies, Broadfield Teaching Political Science Emphasis, Comprehensive Major

Teaching (Code 500-021)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
	Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal		
	Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
	One S1 must meet the University Writing Requirement (p. 49)	
	Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
	One S2 to meet the University Mathematics Requirement (p. 49)	
	Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal		
	Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
	One R1 must satisfy Design for Diversity (p. 49)	
	Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
	Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal		
	Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal		
	Service-Learning (p. 49)	30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		
WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	
WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	

WRIT 120 Blugold Seminar in Critical Reading and Writing for Transfer Students

AND at least one oral communication course from the following:		
CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	

S2 (Mathematics)

LE approved math course

S3 (Creativity)

ES 497 Field Experience Seminar (included in major) 2

R1 (Equity, Diversity, Inclusivity)

ES 385 Social Foundations: Human Relations (included in major) 3

AND another learning experience

R2 (Global Perspectives)

One LE approved course

R3 (Civic and Environmental Issues)

One LE approved course

IL (Integration)

ES 497 Field Experience Seminar (included in major) 2

AND another learning experience

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EA-A Licensure Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option B: EA-A

Early Adolescence through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2

ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
Prescribed special methods course(s) (see approved majors and minors below)		
ES 445 & ES 470	Student Teaching in Middle Level Education and Student Teaching in Secondary Education	14
or ES 446 or ES 475	Internship Teaching in Middle Level Education or Internship Teaching in Secondary Education	
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2

NOTE: Although majors must be from the approved list below, the second plan may be from the approved list. Students pursuing EA-A licensure are not required to elect a second plan that leads to a teaching license.

Approved Majors and Minors for Option B

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II Content Test Required
English	540-006	ENGL 319, ENGL 419		ETS 5038
Earth and Space Science	160-015 ¹	ES 359 (F)		ETS 5435
Mathematics	180-002	ES 357		ETS 5061
Physical Science ¹	240-004	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Physics-Mathematics ¹				ETS 5161 and ETS 5435 (regardless of emphasis)
Physics Emphasis	210-003	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Mathematics Emphasis	210-004	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Social Studies	500-XXX	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Majors	Code	Prescribed Methods Course	Additional Requirements	Praxis II Content Test Required
Biology ¹	080-205	ES 367 (Sp)	BIOL 180 or GEOG 178	ETS 5435
Chemistry ¹	100-204	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Economics	360-204	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
English	540-210	ENGL 319, ENGL 419		ETS 5038

Geography	140-213	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
History	380-206	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Mathematics	180-207	ES 357		ETS 5161
Physics ¹	230-205	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-203	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
Biology	080-403	ES 367 (SP)	BIOL 180 or GEOG 178	ETS 5435
Chemistry	100-406	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Coaching	971-403	KINS 492		no addt'l exam
Economics	360-404	ES 356	BIOL 180 or GEOG 178	ETS 5081
English	540-408	ENGL 319, ENGL 419		ETS 5038
French	260-404	ES 366 (F) in language	Study abroad	WPT and OPI or OPIc
Geography	140-413	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Geology	160-402	ES 359 (F)		
German	280-404	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
History	380-404	ES 356 (SP)	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Learning Disabilities	950-471			ETS 5146
Library Science	960-403		EC-A licensure	no addt'l exam for this minor
Mathematics	180-407	ES 357		ETS 5161
Physics	230-403	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-403	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Sociology	480-404	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Spanish	320-405	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc

Teaching English to Speakers of Other Languages (TESOL)	550-408	ES 405 (F)	1 yr college level foreign language	ETS 0361
Theatre Arts	601-424	ES 361 (F)		ETS 0641

¹ Broadfield Science add-on certification is available with these majors and requires ES 359 (fall only) and ES 367 (spring only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Single Concentration Advisers: W. Carroll (Economics), E. Zeitler (Geography), K. Lang (History), R. Freitag (Political Science), or J. Hein (Sociology).
Dual Concentration Advisers: K. Lang (History) or R. Freitag (Political Science).

The comprehensive major in Broadfield Social Studies prepares education students to teach fusion social studies courses and subject specific social studies courses in their area or areas of concentration.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach fusion social studies courses in Early Adolescence through Adolescence classrooms and also courses in discrete subjects in which 24 credits are completed.

After admission to the Education Professional Program, all Broadfield Social Studies majors must pass the Praxis II Social Studies examination (Exam #10081). This examination is prepared by the Educational Testing Service and tests content from all social studies subject areas. Praxis II examinations may be taken on campus at the Office of Academic Testing (Schofield 226).

Students will choose one of two emphases available within the Broadfield Social Studies major.

Single-concentration Emphasis: The Broadfield Social Studies major with the single-concentration emphasis leads to certification to teach fusion social studies courses and courses in the area of concentration.

Sixty semester credits, including:

1. A 36-credit concentration in Political Science 36

Courses taken to fulfill this requirement must be those specified as constituting a teaching major in the appropriate department

2. Required Courses

IDIS 285	Integrating the Social Sciences: The Social Studies	3
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Select one of the following;

ECON 103	Principles of Microeconomics & ECON 104 and Principles of Macroeconomics	
ECON 201	Introduction to Political Economy	

3. Remaining credits to total 60 in the major. The 60 credits will be from at least four subject areas.

The remaining credits will be chosen from the following (if not included in the concentration):

ECON 321	Money and Banking	3
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GEOG 111	Human Geography	3
GEOG 325	Geography of the United States and Canada	3
GEOG 379	Geography of Wisconsin	3
HIST 114	United States History to 1877	3
HIST 115	United States History Since 1877	3
HIST 124	World History to 1500	3
HIST 125	World History Since 1500	3
HIST 210	African American History 1865 to Present	3
or HIST/AIS 240	American Indian History	
POLS 122	Introduction to World Politics	3
POLS 260	Introduction to Comparative Politics	3
POLS 305	Survey of U.S. Constitutional Principles	3
SOC 101	Introduction to Sociology	3
SOC 164	Family and Intimate Relationships	3
SOC 242	Contemporary Social Problems	3
SOC 312	Race and Ethnicity in the U.S.	3
SOC/WMNS 202	Women and Men in Society: The Sociology of Gender	3
CRMJ 103	Survey of the Criminal Justice System	3

NOTE 1: In addition to the 60-credit major, students must complete GEOG 178 or BIOL 180 and PSYC 260.

Students with a single-concentration emphasis will receive certification in broadfield social studies and one area of concentration.

Students who also choose to include in their program a certifiable minor in a subject outside of social studies (in addition to the Broadfield Social Studies major) will take the appropriate Praxis II examination in that subject as well as the social studies examination.

For advising, see an adviser in the area of concentration.

As an alternative to the Broadfield Social Studies major, students may select a teaching major (36 credits) in Economics, History, or Political Science in conjunction with a certifiable minor (24 credits). This program leads to certification to teach courses in the major and minor subjects, but not fusion social studies courses. These students must take the Praxis II social studies exam and also, if the minor is outside of social studies, the Praxis II content exam in the minor.

Social Studies, Broadfield Teaching Political Science/History Emphasis, Comprehensive Major

Teaching (Code 500-025)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120

Upper division credits (courses numbered 300 and higher)	39
Liberal Education Core (p. 46)	36
Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²	
Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average
University Residency Requirements (p. 50) ³	
Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.
 Apply for graduation on Camp5.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)	

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal	
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal	
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal	
Service-Learning (p. 49)	30 hours

**College Degree Requirements
 University Requirements in Teacher Education in
 the College of Education and Human Sciences
 College Requirements for Teacher Education**

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence
 (formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		
WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	
WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students	
AND at least one oral communication course from the following:		
CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	
S2 (Mathematics)		
LE approved math course		
S3 (Creativity)		
ES 497	Field Experience Seminar (included in major)	2
R1 (Equity, Diversity, Inclusivity)		
ES 385	Social Foundations: Human Relations (included in major)	3
AND another learning experience		
R2 (Global Perspectives)		
One LE approved course		
R3 (Civic and Environmental Issues)		
One LE approved course		
IL (Integration)		
ES 497	Field Experience Seminar (included in major)	2
AND another learning experience		

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EA-A Licensure Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option B: EA-A

Early Adolescence through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
Prescribed special methods course(s) (see approved majors and minors below)		
ES 445 & ES 470	Student Teaching in Middle Level Education and Student Teaching in Secondary Education	14
or ES 446	Internship Teaching in Middle Level Education	
or ES 475	Internship Teaching in Secondary Education	
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2

NOTE: Although majors must be from the approved list below, the second plan may be from the approved list. Students pursuing EA-A licensure are not required to elect a second plan that leads to a teaching license.

Approved Majors and Minors for Option B

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II Content Test Required
English	540-006	ENGL 319, ENGL 419		ETS 5038
Earth and Space Science	160-015 ¹	ES 359 (F)		ETS 5435

Mathematics	180-002	ES 357		ETS 5061
Physical Science ¹	240-004	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Physics-Mathematics ¹				ETS 5161 and ETS 5435 (regardless of emphasis)
Physics Emphasis	210-003	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Mathematics Emphasis	210-004	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Social Studies	500-XXX	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Majors	Code	Prescribed Methods Course	Additional Requirements	Praxis II Content Test Required
Biology ¹	080-205	ES 367 (Sp)	BIOL 180 or GEOG 178	ETS 5435
Chemistry ¹	100-204	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Economics	360-204	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
English	540-210	ENGL 319, ENGL 419		ETS 5038
Geography	140-213	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
History	380-206	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Mathematics	180-207	ES 357		ETS 5161
Physics ¹	230-205	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-203	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
Biology	080-403	ES 367 (SP)	BIOL 180 or GEOG 178	ETS 5435
Chemistry	100-406	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Coaching	971-403	KINS 492		no addt'l exam
Economics	360-404	ES 356	BIOL 180 or GEOG 178	ETS 5081
English	540-408	ENGL 319, ENGL 419		ETS 5038
French	260-404	ES 366 (F) in language	Study abroad	WPT and OPI or OPIc
Geography	140-413	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Geology	160-402	ES 359 (F)		
German	280-404	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
History	380-404	ES 356 (SP)	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Learning Disabilities	950-471			ETS 5146
Library Science	960-403			EC-A licensure no addt'l exam for this minor
Mathematics	180-407	ES 357		ETS 5161
Physics	230-403	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-403	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Sociology	480-404	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Spanish	320-405	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
Teaching English to Speakers of Other Languages (TESOL)	550-408	ES 405 (F)	1 yr college level foreign language	ETS 0361
Theatre Arts	601-424	ES 361 (F)		ETS 0641

¹ Broadfield Science add-on certification is available with these majors and requires ES 359 (fall only) and ES 367 (spring only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Single Concentration Advisers: W. Carroll (Economics), E. Zeitler (Geography), K. Lang (History), R. Freitag (Political Science), or J. Hein (Sociology).

Dual Concentration Advisers: K. Lang (History) or R. Freitag (Political Science).

The comprehensive major in Broadfield Social Studies prepares education students to teach fusion social studies courses and subject specific social studies courses in their area or areas of concentration.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach fusion social studies courses in Early Adolescence through Adolescence classrooms and also courses in discrete subjects in which 24 credits are completed.

After admission to the Education Professional Program, all Broadfield Social Studies majors must pass the Praxis II Social Studies examination (Exam #10081). This examination is prepared by the Educational Testing Service and tests content from all social studies subject areas. Praxis II examinations may be taken on campus at the Office of Academic Testing (Schofield 226).

Students will choose one of two emphases available within the Broadfield Social Studies major.

Dual-concentration Emphasis: The Broadfield Social Studies major with the dual-concentration emphasis leads to certification to teach fusion social studies courses, history courses, and courses in the second area of concentration.

Sixty semester credits, including:

History Concentration		
HIST 114	United States History to 1877	3
HIST 124	World History to 1500	3
HIST 125	World History Since 1500	3
HIST 288	Introduction to Research Methods and the Profession	3

Select one of the following:

HIST 115	United States History Since 1877	
HIST/WMNS 205	American Women's History	
HIST 210	African American History 1865 to Present	
HIST/AIS 240	American Indian History	

At least 9 additional credits in History at the 300 or 400 level, with one course from United States history, one course from European history, and one course from World History¹ 9

1. A 24-credit concentration in Political Science 24

Courses taken to fulfill this requirement must be those specified as constituting a teaching minor in the appropriate department

2. Required Courses

IDIS 285	Integrating the Social Sciences: The Social Studies	3
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Select one of the following:

ECON 103 & ECON 104	Principles of Microeconomics & Principles of Macroeconomics	
ECON 201	Introduction to Political Economy	

3. Remaining credits to total 60 in the major. The 60 credits will be from at least four subject areas.

The remaining credits will be chosen from the following (if not included in the concentration):

ECON 321	Money and Banking	3
GEOG 111	Human Geography	3
GEOG 325	Geography of the United States and Canada	3
GEOG 379	Geography of Wisconsin	3
POLS 122	Introduction to World Politics	3
POLS 260	Introduction to Comparative Politics	3
POLS 301	State and Local Politics	3
POLS 305	Survey of U.S. Constitutional Principles	3
SOC 101	Introduction to Sociology	3
SOC 164	Family and Intimate Relationships	3
SOC 242	Contemporary Social Problems	3
SOC 312	Race and Ethnicity in the U.S.	3
SOC/WMNS 202	Women and Men in Society: The Sociology of Gender	3
CRMJ 103	Survey of the Criminal Justice System	3

¹ See History Department for course listings. (p. 263)

NOTE 1: In addition to the 60-credit major, students must complete GEOG 178 or BIOL 180 and PSYC 260.

Students who complete the dual-concentration emphasis will receive broadfield social studies, history, and discrete subject certification in the social studies subject in which they complete 24 credits.

Students who also choose to include in their program a certifiable minor in a subject outside of the social studies (in addition to the Broadfield Social Studies major) will take the appropriate Praxis II examination in that subject as well as the social studies examination.

After initial advising, students will then be assigned two advisers, one in the Department of History and one in the other subject in which they elect to complete 24 credits.

As an alternative to the Broadfield Social Studies major, students may select a teaching major (36 credits) in Economics, History, or Political Science in conjunction with a certifiable minor (24 credits). This program leads to certification to teach courses in the major and minor subjects, but not fusion social studies courses. These students must take the Praxis II social studies exam and also, if the minor is outside of social studies, the Praxis II content exam in the minor.

Social Studies, Broadfield Teaching Sociology Emphasis, Comprehensive Major

Teaching (Code 500-022)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49)²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50)³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences	
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences	
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences	
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience	
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences	
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience	
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences	
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences	
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences	
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences	
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences	
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

- Liberal Education requirements in the College of Education and Human Sciences.
- Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

- Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

- Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
- Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		
WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	
WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	

WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students	
AND at least one oral communication course from the following:		
CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	

S2 (Mathematics)
LE approved math course

S3 (Creativity)

ES 497	Field Experience Seminar (included in major)	2
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R1 (Equity, Diversity, Inclusivity)

ES 385	Social Foundations: Human Relations (included in major)	3
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AND another learning experience
R2 (Global Perspectives)
One LE approved course

R3 (Civic and Environmental Issues)
One LE approved course

IL (Integration)

ES 497	Field Experience Seminar (included in major)	2
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AND another learning experience

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EA-A Licensure Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option B: EA-A Early Adolescence through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2

ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
Prescribed special methods course(s) (see approved majors and minors below)		
ES 445 & ES 470	Student Teaching in Middle Level Education and Student Teaching in Secondary Education	14
or ES 446 or ES 475	Internship Teaching in Middle Level Education Internship Teaching in Secondary Education	
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2

NOTE: Although majors must be from the approved list below, the second plan may be from the approved list. Students pursuing EA-A licensure are not required to elect a second plan that leads to a teaching license.

Approved Majors and Minors for Option B

Majors	Comprehensiv Code	Prescribed Methods Course	Additional Requirement	Praxis II Content Test Required
English	540-006	ENGL 319, ENGL 419		ETS 5038
Earth and Space Science	160-015 ¹	ES 359 (F)		ETS 5435
Mathematics	180-002	ES 357		ETS 5061
Physical Science ¹	240-004	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Physics-Mathematics ¹				ETS 5161 and ETS 5435 (regardless of emphasis)
Physics Emphasis	210-003	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Mathematics Emphasis	210-004	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Social Studies	500-XXX	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Majors	Code	Prescribed Methods Course	Additional Requirements	Praxis II Content Test Required
Biology ¹	080-205	ES 367 (Sp)	BIOL 180 or GEOG 178	ETS 5435
Chemistry ¹	100-204	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Economics	360-204	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
English	540-210	ENGL 319, ENGL 419		ETS 5038

Geography	140-213	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
History	380-206	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Mathematics	180-207	ES 357		ETS 5161
Physics ¹	230-205	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-203	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
Biology	080-403	ES 367 (SP)	BIOL 180 or GEOG 178	ETS 5435
Chemistry	100-406	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Coaching	971-403	KINS 492		no addt'l exam
Economics	360-404	ES 356	BIOL 180 or GEOG 178	ETS 5081
English	540-408	ENGL 319, ENGL 419		ETS 5038
French	260-404	ES 366 (F) in language	Study abroad	WPT and OPI or OPIC
Geography	140-413	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Geology	160-402	ES 359 (F)		
German	280-404	ES 366 (F)	Study abroad in language	WPT and OPI or OPIC
History	380-404	ES 356 (SP)	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Learning Disabilities	950-471			ETS 5146
Library Science	960-403		EC-A licensure	no addt'l exam for this minor
Mathematics	180-407	ES 357		ETS 5161
Physics	230-403	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-403	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Sociology	480-404	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Spanish	320-405	ES 366 (F)	Study abroad in language	WPT and OPI or OPIC

Teaching English to Speakers of Other Languages (TESOL)	550-408	ES 405 (F)	1 yr college level foreign language	ETS 0361
Theatre Arts	601-424	ES 361 (F)		ETS 0641

¹ Broadfield Science add-on certification is available with these majors and requires ES 359 (fall only) and ES 367 (spring only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Single Concentration Advisers: W. Carroll (Economics), E. Zeitler (Geography), K. Lang (History), R. Freitag (Political Science), or J. Hein (Sociology).
Dual Concentration Advisers: K. Lang (History) or R. Freitag (Political Science).

The comprehensive major in Broadfield Social Studies prepares education students to teach fusion social studies courses and subject specific social studies courses in their area or areas of concentration.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach fusion social studies courses in Early Adolescence through Adolescence classrooms and also courses in discrete subjects in which 24 credits are completed.

After admission to the Education Professional Program, all Broadfield Social Studies majors must pass the Praxis II Social Studies examination (Exam #10081). This examination is prepared by the Educational Testing Service and tests content from all social studies subject areas. Praxis II examinations may be taken on campus at the Office of Academic Testing (Schofield 226).

Students will choose one of two emphases available within the Broadfield Social Studies major.

Single-concentration Emphasis: The Broadfield Social Studies major with the single-concentration emphasis leads to certification to teach fusion social studies courses and courses in the area of concentration.

Sixty semester credits, including:

1. A 36-credit concentration in Sociology, including 18 credits in upper division courses:		36
SOC 101	Introduction to Sociology	3
SOC 242	Contemporary Social Problems	3
SOC 312	Race and Ethnicity in the U.S.	3
SOC 316	Sociology of Family	3
or SOC 164	Family and Intimate Relationships	
SOC 328	Sociological Data Analysis	3
SOC 330	Sociological Theory	3
SOC 332	Sociological Research Methods	3
SOC 490	Sociology Capstone	3
Twelve credits of Sociology Electives		12

2. Required Courses

IDIS 285	Integrating the Social Sciences: The Social Studies	3
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POLS 110	American National Politics	3
POLS 301	State and Local Politics	3
Select one of the following;		
ECON 103	Principles of Microeconomics & ECON 104 and Principles of Macroeconomics	
ECON 201	Introduction to Political Economy	

3. Remaining credits to total 60 in the major. The 60 credits will be from at least four subject areas.

The remaining credits will be chosen from the following (if not included in the concentration):

ECON 321	Money and Banking	3
GEOG 111	Human Geography	3
GEOG 325	Geography of the United States and Canada	3
GEOG 379	Geography of Wisconsin	3
HIST 114	United States History to 1877	3
HIST 115	United States History Since 1877	3
HIST 124	World History to 1500	3
HIST 125	World History Since 1500	3
HIST 210	African American History 1865 to Present	3
or HIST/AIS 240	American Indian History	
POLS 122	Introduction to World Politics	3
POLS 260	Introduction to Comparative Politics	3
POLS 305	Survey of U.S. Constitutional Principles	3
SOC 101	Introduction to Sociology	3
SOC 164	Family and Intimate Relationships	3
SOC 242	Contemporary Social Problems	3
SOC 312	Race and Ethnicity in the U.S.	3
SOC/WMNS 202	Women and Men in Society: The Sociology of Gender	3
CRMJ 103	Survey of the Criminal Justice System	3

NOTE 1: In addition to the 60-credit major, students must complete GEOG 178 or BIOL 180 and PSYC 260.

Students with a single-concentration emphasis will receive certification in broadfield social studies and one area of concentration.

Students who also choose to include in their program a certifiable minor in a subject outside of social studies (in addition to the Broadfield Social Studies major) will take the appropriate Praxis II examination in that subject as well as the social studies examination.

For advising, see an adviser in the area of concentration.

As an alternative to the Broadfield Social Studies major, students may select a teaching major (36 credits) in Economics, History, or Political Science in conjunction with a certifiable minor (24 credits). This program leads to certification to teach courses in the major and minor subjects, but not fusion social studies courses. These students must take the Praxis II social studies exam and also, if the minor is outside of social studies, the Praxis II content exam in the minor.

Social Studies, Broadfield Teaching Sociology/History Emphasis, Comprehensive Major

Teaching (Code 500-026)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits

Major, in upper division courses 12 credits

Comprehensive Major, in upper division courses 21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
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K1 (Natural Sciences)

At least one Biology course

AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)

K2 (Social Sciences)

PSYC 260	Educational Psychology	3
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AND another learning experience

K3 (Humanities)

One literature course AND another learning experience

K4 (Fine Arts)

One fine arts course

S1 (Written and Oral Communication)

At least one writing course from the following:

WRIT 114	Intensive Bugold Seminar in Critical Reading and Writing	
WRIT 116	Bugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Bugold Seminar in Critical Reading and Writing	
WRIT 120	Bugold Seminar in Critical Reading and Writing for Transfer Students	

AND at least one oral communication course from the following:

CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	

S2 (Mathematics)

LE approved math course

S3 (Creativity)

ES 497	Field Experience Seminar (included in major)	2
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R1 (Equity, Diversity, Inclusivity)

ES 385	Social Foundations: Human Relations (included in major)	3
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AND another learning experience

R2 (Global Perspectives)

One LE approved course

R3 (Civic and Environmental Issues)

One LE approved course

IL (Integration)			
ES 497	Field Experience Seminar (included in major)	2	

AND another learning experience

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EA-A Licensure Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option B: EA-A Early Adolescence through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
Prescribed special methods course(s) (see approved majors and minors below)		
ES 445 & ES 470	Student Teaching in Middle Level Education and Student Teaching in Secondary Education	14
or ES 446 or ES 475	Internship Teaching in Middle Level Education or Internship Teaching in Secondary Education	
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2

NOTE: Although majors must be from the approved list below, the second plan may be from the approved list. Students pursuing EA-A licensure are not required to elect a second plan that leads to a teaching license.

Approved Majors and Minors for Option B

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II Content Test Required
English	540-006	ENGL 319, ENGL 419		ETS 5038
Earth and Space Science	160-015 ¹	ES 359 (F)		ETS 5435
Mathematics	180-002	ES 357		ETS 5061
Physical Science ¹	240-004	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Physics-Mathematics ¹				ETS 5161 and ETS 5435 (regardless of emphasis)
Physics Emphasis	210-003	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Mathematics Emphasis	210-004	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Social Studies	500-XXX	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Majors	Code	Prescribed Methods Course	Additional Requirements	Praxis II Content Test Required
Biology ¹	080-205	ES 367 (Sp)	BIOL 180 or GEOG 178	ETS 5435
Chemistry ¹	100-204	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Economics	360-204	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
English	540-210	ENGL 319, ENGL 419		ETS 5038
Geography	140-213	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
History	380-206	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Mathematics	180-207	ES 357		ETS 5161
Physics ¹	230-205	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-203	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
Biology	080-403	ES 367 (SP)	BIOL 180 or GEOG 178	ETS 5435
Chemistry	100-406	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Coaching	971-403	KINS 492		no add't'l exam

Economics	360-404	ES 356	BIOL 180 or GEOG 178	ETS 5081
English	540-408	ENGL 319, ENGL 419		ETS 5038
French	260-404	ES 366 (F) in language	Study abroad	WPT and OPI or OPIC
Geography	140-413	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Geology	160-402	ES 359 (F)		
German	280-404	ES 366 (F)	Study abroad in language	WPT and OPI or OPIC
History	380-404	ES 356 (SP)	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Learning Disabilities	950-471			ETS 5146
Library Science	960-403		EC-A licensure	no addt'l exam for this minor
Mathematics	180-407	ES 357		ETS 5161
Physics	230-403	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-403	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Sociology	480-404	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Spanish	320-405	ES 366 (F)	Study abroad in language	WPT and OPI or OPIC
Teaching English to Speakers of Other Languages (TESOL)	550-408	ES 405 (F)	1 yr college level foreign language	ETS 0361
Theatre Arts	601-424	ES 361 (F)		ETS 0641

¹ Broadfield Science add-on certification is available with these majors and requires ES 359 (fall only) and ES 367 (spring only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Single Concentration Advisers: W. Carroll (Economics), E. Zeitler (Geography), K. Lang (History), R. Freitag (Political Science), or J. Hein (Sociology).
Dual Concentration Advisers: K. Lang (History) or R. Freitag (Political Science).

The comprehensive major in Broadfield Social Studies prepares education students to teach fusion social studies courses and subject specific social studies courses in their area or areas of concentration.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach fusion

social studies courses in Early Adolescence through Adolescence classrooms and also courses in discrete subjects in which 24 credits are completed.

After admission to the Education Professional Program, all Broadfield Social Studies majors must pass the Praxis II Social Studies examination (Exam #10081). This examination is prepared by the Educational Testing Service and tests content from all social studies subject areas. Praxis II examinations may be taken on campus at the Office of Academic Testing (Schofield 226).

Students will choose one of two emphases available within the Broadfield Social Studies major.

Dual-concentration Emphasis: The Broadfield Social Studies major with the dual-concentration emphasis leads to certification to teach fusion social studies courses, history courses, and courses in the second area of concentration.

Sixty semester credits, including:

History Concentration		
HIST 114	United States History to 1877	3
HIST 124	World History to 1500	3
HIST 125	World History Since 1500	3
HIST 288	Introduction to Research Methods and the Profession	3

Select from the following:

HIST 115	United States History Since 1877	
HIST/WMNS 205	American Women's History	
HIST 210	African American History 1865 to Present	
HIST/AIS 240	American Indian History	

At least 9 additional credits in History at the 300 or 400 level, with one course from United States history, one course from European history, and one course from World History ¹

1. A 24-credit concentration in Sociology 24

Courses taken to fulfill this requirement must be those specified as constituting a teaching minor in the appropriate department

2. Required Courses

IDIS 285	Integrating the Social Sciences: The Social Studies	3
POLS 110	American National Politics	3

Select one of the following:

ECON 103 & ECON 104	Principles of Microeconomics and Principles of Macroeconomics	
ECON 201	Introduction to Political Economy	

4. Remaining credits to total 60 in the major. The 60 credits will be from at least four subject areas.

The remaining credits will be chosen from the following (if not included in the concentration):

ECON 321	Money and Banking	3
GEOG 111	Human Geography	3
GEOG 325	Geography of the United States and Canada	3
GEOG 379	Geography of Wisconsin	3
POLS 122	Introduction to World Politics	3
POLS 260	Introduction to Comparative Politics	3

POLS 301	State and Local Politics	3
POLS 305	Survey of U.S. Constitutional Principles	3
SOC 101	Introduction to Sociology	3
SOC 164	Family and Intimate Relationships	3
SOC 242	Contemporary Social Problems	3
SOC 312	Race and Ethnicity in the U.S.	3
SOC/WMNS 202	Women and Men in Society: The Sociology of Gender	3
CRMJ 103	Survey of the Criminal Justice System	3

¹ See History Department for course listings. (p. 263)

NOTE 1: In addition to the 60-credit major, students must complete GEOG 178 or BIOL 180 and PSYC 260.

Students who complete the dual-concentration emphasis will receive broadfield social studies, history, and discrete subject certification in the social studies subject in which they complete 24 credits.

Students who also choose to include in their program a certifiable minor in a subject outside of the social studies (in addition to the Broadfield Social Studies major) will take the appropriate Praxis II examination in that subject as well as the social studies examination.

After initial advising, students will then be assigned two advisers, one in the Department of History and one in the other subject in which they elect to complete 24 credits.

As an alternative to the Broadfield Social Studies major, students may select a teaching major (36 credits) in Economics, History, or Political Science in conjunction with a certifiable minor (24 credits). This program leads to certification to teach courses in the major and minor subjects, but not fusion social studies courses. These students must take the Praxis II social studies exam and also, if the minor is outside of social studies, the Praxis II content exam in the minor.

Social Studies, Minor - Teaching

Middle Childhood/Early Adolescence (Code 500-403)

Adviser: J. Worley (Education Studies).

The Social Studies minor is designed to give Middle Childhood/Early Adolescence majors who have a strong interest in the social sciences the opportunity to pursue a broader array of courses than is possible in meeting the Liberal Education requirements.

Twenty-four semester credits, including:

IDIS 285	Integrating the Social Sciences: The Social Studies	3
HIST 114	United States History to 1877	3
or HIST 115	United States History Since 1877	
HIST 124	World History to 1500	3
or HIST 125	World History Since 1500	
GEOG 111	Human Geography	3
Select one of the following:		3

PSYC 100 Introduction to Psychology

PSYC 245 Social Psychology

SOC 321 The Individual in Society

Select one of the following: 3

ECON 201	Introduction to Political Economy	
ECON 103	Principles of Microeconomics	
ECON 104	Principles of Macroeconomics	
Required:		
POLS 110	American National Politics	3
SOC 101	Introduction to Sociology	3
Total Credits		24

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A and leads to licensure to teach Social Studies in Middle Childhood through Early Adolescence classrooms.

Teaching English as a Foreign Language, Certificate

(Code 550-601)

The **Teaching English as a Foreign Language (TEFL) Certificate** is a minimum of 13 credits of coursework designed to provide the basics for future EFL teachers plus a required teaching experience either through ES 408 or by taking FLG 375.

Required courses (minimum of 13 credits)

CSD 262	Phonetics: Theory and Application	2
ENGL 221	Introductory English Linguistics	3
FLG 378	Second Language Acquisition Theory	3
ES 284	Working with ELLs in an Academic or Professional Setting	2
ES 408 or FLG 375	Methods of Teaching Content-Based ESL Internship Experience	3-4

Note 1: Students must also complete either a practicum experience tied to ES 408 or take FLG 375 for 3 credits.

Note 2: Courses cannot be counted in both the major and the certificate program.

For advising, see Department of Languages.

Teaching of English to Speakers of Other Languages, Minor - EA-A

Early Adolescence/Adolescence (Code 550-408)

Adviser: (Education Studies Department).

This minor is designed:

1. to impart the special knowledge and the competencies needed to teach English to speakers of other languages in an American public school; and
2. to develop an understanding of the cultural and social needs of students who speak other languages amid an English-speaking majority.

Twenty-four semester credits, including:

ANTH 315	Language in Culture and Society	3
ES 405	Teaching English to Speakers of Other Languages	3

ES 408	Methods of Teaching Content-Based ESL	4
CSD 262	Phonetics: Theory and Application	2
ENGL 221	Introductory English Linguistics	3
FLG 378	Second Language Acquisition Theory	3
Two courses from:		6
ENGL 321	Topics in the Structure of English	
ENGL 325	Topics in Language in Society	
CSD 257	Normal Communication Development	
FLG 365	Special Topics in Teaching English to Speakers of Other Languages	

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B, and leads to licensure in TESOL in Early Adolescence through Adolescence classrooms.

NOTE 1: As a requirement for the TESOL Minor, all students must complete the University Writing Requirement. Oral proficiency in English will be determined by an interview and/or a SPEAK Test, a test of oral proficiency for non-native speakers of English. Students not passing the oral proficiency test will be required, before retesting, to take CJ 202, ENGL 140, and/or an English composition class. The student will select classes in consultation with the TESOL adviser.

NOTE 2: One year of university-level foreign language study is a prerequisite for ES 405.

Teaching of English to Speakers of Other Languages, Minor - EC-A

Early Childhood/Adolescence (Code 550-410)

Adviser: (Education Studies Department).

This minor is designed:

1. to impart the special knowledge and the competencies needed to teach English to speakers of other languages in an American public school; and
2. to develop an understanding of the cultural and social needs of students who speak other languages amid an English-speaking majority.

Twenty-four semester credits, including:

ANTH 315	Language in Culture and Society	3
ES 405	Teaching English to Speakers of Other Languages	3
ES 408	Methods of Teaching Content-Based ESL	4
CSD 262	Phonetics: Theory and Application	2
ENGL 221	Introductory English Linguistics	3
FLG 378	Second Language Acquisition Theory	3
Two courses from:		6
ENGL 321	Topics in the Structure of English	
ENGL 325	Topics in Language in Society	
CSD 257	Normal Communication Development	
FLG 365	Special Topics in Teaching English to Speakers of Other Languages	

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option C, and leads to licensure in TESOL in Early

Childhood through Adolescence classrooms when combined with a major in a foreign language at the EC-A level.

NOTE 1: As a requirement for the TESOL Minor, all students must complete the University Writing Requirement. Oral proficiency in English will be determined by an interview and/or a SPEAK Test, a test of oral proficiency for non-native speakers of English. Students not passing the oral proficiency test will be required, before retesting, to take CJ 202, ENGL 140, and/or an English composition class. The student will select classes in consultation with the TESOL adviser.

NOTE 2: One year of university-level foreign language study is a prerequisite for ES 405.

Teaching of English to Speakers of Other Languages, Minor - MC-EA

Middle Childhood/Early Adolescence (Code 550-409)

Adviser: (Education Studies Department).

This minor is designed:

1. to impart the special knowledge and the competencies needed to teach English to speakers of other languages in an American public school; and
2. to develop an understanding of the cultural and social needs of students who speak other languages amid an English-speaking majority.

Twenty-four semester credits, including:

ANTH 315	Language in Culture and Society	3
ES 405	Teaching English to Speakers of Other Languages	3
ES 408	Methods of Teaching Content-Based ESL	4
CSD 262	Phonetics: Theory and Application	2
ENGL 221	Introductory English Linguistics	3
FLG 378	Second Language Acquisition Theory	3
Two courses from:		6
ENGL 321	Topics in the Structure of English	
ENGL 325	Topics in Language in Society	
CSD 257	Normal Communication Development	
FLG 365	Special Topics in Teaching English to Speakers of Other Languages	

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A, and leads to licensure in TESOL in Middle Childhood through Early Adolescence classrooms.

NOTE 1: As a requirement for the TESOL Minor, all students must complete the University Writing Requirement. Oral proficiency in English will be determined by an interview and/or a SPEAK Test, a test of oral proficiency for non-native speakers of English. Students not passing the oral proficiency test will be required, before retesting, to take CJ 202, ENGL 140, and/or an English composition class. The student will select classes in consultation with the TESOL adviser.

NOTE 2: One year of university-level foreign language study is a prerequisite for ES 405.

Topical Minor, Minor

Liberal Arts (Code 610-401)

A Topical Minor is composed of 24 semester credits selected by the student to meet the student's own interests and scholarly objectives. Courses for the minor may be chosen on the basis of a coherent theme, a historical period, a definable professional need, or complementary relation to the student's major.

The Topical Minor is not intended to be used to duplicate any major or minor offered as a regular program.

The Topical Minor must include courses from at least two prefixes, with no more than 15 credits from any one prefix and no more than six credits from the student's major. Courses applied to the major cannot be applied to the minor. At least 12 of the 24 credits must be earned in courses numbered 300 or above, and at least 15 of the 24 credits must be earned in Arts and Sciences courses.

Procedures. The Topical Minor electronic form is accessed from the College of Arts and Sciences website (<https://www.uwec.edu/academics/college-arts-sciences/>), then Blugold Insider and Student Dashboard). The student plans the minor in consultation with an appropriate faculty adviser, and obtains the adviser's approval. The plan for the minor must then be submitted to the College of Arts and Sciences Dean's Office for approval. This approval must be obtained after the student has earned a total of 30 credits, but before the student has earned 88 credits toward a degree.

Students proposing a Topical Minor are responsible to ascertain that they are eligible to register for the courses included in their Topical Minor. They must meet, for example, all individual course prerequisites and GPA requirements or have received explicit permission from the department/program offering the course. In addition, for courses offered in one of the other colleges, college admission requirements must be met or written permission obtained from the Dean of that College before enrollment is possible.

Transnational Asian Studies, Certificate

(Code 380-630)

The Transnational Asian Studies Certificate allows students to broadly explore Asia and the Asian diaspora and to gain knowledge of the experiences of people of Asian ancestry.

Minimum of 15 credits from at least three course prefixes selected from the following list, of which at least two courses must be at the 300-400 level:

ECON 353	Economics of Pacific Asia	15
HUMS 110	Hmong Civilization, Culture, and Contemporary Issues	
HIST 152	Modern East and Southeast Asia	
HIST 212	Hmong and America	
HIST 345	Civil Rights and American Memory	
HIST 388	History of China	
HIST 389	History of Japan	
POLS 324	Politics of Asia	
POLS 326	Politics of Southeast Asia	
POLS 328	Islam and Politics	
POLS 329	Political Violence	
RELS 312	Buddhism: Past and Present	

RELS 313	Tibetan Buddhism
RELS 314	Hinduism
RELS 323	Chinese and Japanese Religions
SOC 304	Sociology of the Middle East
SOC 312	Race and Ethnicity in the U.S.
SOC 366	Society in Contemporary China
Up to 4 credits from Asian language courses:	
CHIN 101	Beginning Chinese
CHIN 102	Beginning Chinese
CHIN 201	Intermediate Chinese
CHIN 202	Intermediate Chinese
HMNG 101	Beginning Hmong I
HMNG 102	Beginning Hmong II
JAPN 101	Beginning Japanese I
JAPN 102	Beginning Japanese II
JAPN 201	Intermediate Japanese I
JAPN 202	Intermediate Japanese II
Up to 3 credits from travel abroad courses:	
INTB 361	International Experience in India
INTB 362	International Experience in China

Note 1: With adviser consent, courses such as the following may be applied to this certificate program when a substantial portion of the course covers Asian or Asian American topics: ENGL 230, ENGL 268, ENGL 330, ENGL 368, ENGL 396 /WMNS 396, FLG 150, FLTR 392, HIST 317, HIST 319, IDIS 302, RELS 100, SOC 301, Honors courses, Special Topics courses.

Note 2: A maximum of three credits may be applied to both the student's major and the certificate program.

For advising, see the History Department.

World History and Society: Past, Present, Future, Certificate

(Code 380-629)

This certificate will provide a second program for students interested in world history and connected topics in other disciplines.

Required:

HIST 124	World History to 1500	3
HIST 125	World History Since 1500	3
Choose 2 from the following, at least one must have a prefix other than HIST:		6
RELS 100	Introduction to the Religions of the World	
RELS/WMNS 203	Women and World Religions	
POLS 122	Introduction to World Politics	
GEOL 122	The Future of Global Energy	
HIST 292	Origins of Current World Conflicts	
POLS 336	Arab-Israeli Conflict	
HIST 366	History of Middle East Since Muhammad	
ECON/WMNS 357	Women and Economic Development	

Note: Courses cannot be counted in both the major and the certificate program.

For advising, contact the History Department.

American Indian Studies

Hibbard Humanities Hall 384

715-836-6045

www.uwec.edu/ais

The American Indian Studies Program at the University of Wisconsin-Eau Claire is committed to the study of the cultures, values, history, and contemporary life of the Indigenous nations and peoples of North America. Through courses from various disciplines and interactions with American Indian professionals, elders, and peers, students will develop abilities and enhance their knowledge and understanding in accordance with university and tribally-defined standards of excellence. The program administers both a major and minor in American Indian Studies with these goals:

- To envision education and community as a partnership in which all participants work toward greater understanding and respect for the richness and diversity of American Indian cultures.
- To build and support cooperative relationships with tribal communities within and around Wisconsin; other academic institutions, especially tribal colleges; and the local Eau Claire community.
- To teach students to be conversant with Indigenous protocols.
- To prepare students to work effectively in and around tribal and urban communities.
- To provide outreach and community service opportunities that will help promote the cultural, educational, and economic development of the region.

Faculty

Debra K.S. Barker, Program Director

Heather Ann Moody

Majors

- Major: American Indian Studies, Liberal Arts - B.A./B.S. (p. 123)

Minors

- Minor: American Indian Studies, Liberal Arts (p. 125)

American Indian Studies, Major

Liberal Arts (Code 530-201)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average

University Residency Requirements (p. 50)³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on Camp5.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements**Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)**

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

The major is designed to offer a range of courses to meet the needs of students:

1. who wish to enter a profession related to tribal affairs;
2. who have decided to pursue graduate study;
3. who are American Indian and seek to learn more about their culture and heritage; and
4. who are drawn to the major because of its broad interdisciplinary perspective.

In addition, the major and minor in American Indian Studies are designed to complement degree programs in Nursing, Education, Business, Social Work, and History, as well as courses from a range of disciplines.

Thirty-six semester credits in American Indian Studies courses, including:

AIS 101	Introduction to American Indian History and Cultures	3
AIS 102	Introduction to American Indian Expressive Cultures	3
AIS 343	Contemporary American Indian Communities	3
AIS 444	Indigenous Theory and Methodologies	3
AIS 480	Capstone	3

Remaining credits selected from:

AIS 111 or AIS/ LANG 121	Studies in American Indian Languages I Beginning Ojibwe	
AIS 112 or AIS/ LANG 122	Studies in American Indian Languages II Beginning Ojibwe II	
AIS/ENGL 142	Introduction to American Indian Literatures	
AIS/ANTH 161	Introduction to Cultural Anthropology	
AIS/HIST 240	American Indian History	
AIS/ENGL 242	The American Indian in Literature and Film	
AIS 243	Introduction to Contemporary American Indian Communities	
AIS/POLS 250	American Indian Politics	
AIS 291	Special Topics	

AIS/GEOG 322	Native Geographies	
AIS/ARTH 324	Survey of North American Indian Art	
AIS/RELS 330	Indigenous Religions of the Americas	
AIS/ARTH 335	Ancient Art and Architecture of Mexico and Central America	
AIS/ARTH 337	Art of Tawantinsuyo	
AIS/ENGL 345	American Indian Autobiography	
AIS/ENGL 346	Major Works in American Indian Literature	
AIS/HIST 368	Studies in American Indian History	
AIS/HIST 369	Wisconsin Indian History	
AIS/WMNS 374	Ojibwe Women, Ecofeminism, and Botanical Knowledge	
AIS 395	Directed Studies	
AIS 399	Independent Study	
AIS 491	Special Topics	
AIS 498	Internship	
AIS 499	Independent Study	

Seminars and special topics courses dealing with American Indians will also be given consideration for credit.

American Indian Studies, Minor

Liberal Arts (Code 530-401)

The minor is designed to provide both American Indian and non-Indian students with an understanding of the distinctive lifeways, the philosophical and religious systems, and the art and literature developed by American Indian tribes and individuals.

Twenty-four semester credits, including:

AIS 101	Introduction to American Indian History and Cultures	3
AIS 102	Introduction to American Indian Expressive Cultures	3

Remaining credits selected from:

AIS 111 or AIS/ LANG 121	Studies in American Indian Languages I Beginning Ojibwe	
AIS 112 or AIS/ LANG 122	Studies in American Indian Languages II Beginning Ojibwe II	
AIS/ENGL 142	Introduction to American Indian Literatures	
AIS/ANTH 161	Introduction to Cultural Anthropology	
AIS/HIST 240	American Indian History	
AIS/ENGL 242	The American Indian in Literature and Film	

AIS 243	Introduction to Contemporary American Indian Communities
AIS/POLS 250	American Indian Politics
AIS 291	Special Topics
AIS/GEOG 322	Native Geographies
AIS/ARTH 324	Survey of North American Indian Art
AIS/RELS 330	Indigenous Religions of the Americas
AIS/ARTH 335	Ancient Art and Architecture of Mexico and Central America
AIS/ARTH 337	Art of Tawantinsuyo
AIS 343	Contemporary American Indian Communities
AIS/ENGL 345	American Indian Autobiography
AIS/ENGL 346	Major Works in American Indian Literature
AIS/HIST 368	Studies in American Indian History
AIS/HIST 369	Wisconsin Indian History
AIS/WMNS 374	Ojibwe Women, Ecofeminism, and Botanical Knowledge
AIS 395	Directed Studies
AIS 399	Independent Study
AIS 444	Indigenous Theory and Methodologies
AIS 491	Special Topics
AIS 498	Internship
AIS 499	Independent Study

Seminars and special topics courses dealing with American Indians will also be given consideration for credit.

Art & Design

Haas Fine Arts 104
715-836-3277
<http://www.uwec.edu/art>

Honor Societies and Student Organizations

- ASA, Art Student Association (<http://www.uwec.edu/Art/current-students/organizations/asa.htm>) - Art & Design students developing and organizing artistic activities and events.
- NOTA, None of the Above (<http://www.uwec.edu/Art/current-students/organizations/nota.htm>) - Students create campus art and literary publications and host events that promote the arts. This group is primarily affiliated with English (p. 207).

Programs

The Department of Art & Design offers a flourishing community of students and faculty engaged in the positive development of a visually stimulated world, including collaboration on local projects. We are dedicated to delivering creative and innovative experiences by promoting practice in foundation skills and historical knowledge. Students are encouraged to thrive in self-motivated programs where degrees can be focused in emphasis areas detailed below.

Majors have a variety of degrees to choose from including a 36-credit Bachelor of Arts (B.A.) or Bachelor of Science (B.S.) in Art or Art History, a 60-credit B.A. or B.S. in Art, a 62-credit B.A. in Art and Design Education, or a 75-credit Bachelor of Fine Arts (B.F.A.) in Art. Those seeking the 75-credit B.F.A., a nationally recognized degree with high standards for excellence, must apply for a B.F.A. Review around their second year in major. Additional information can be found under B.F.A. Requirements.

Emphasis Areas

Art & Design degrees are not titled in the Art and Art History majors, or Art Education. Emphasis areas intended for the Art degrees focus on a specialization relevant to a student's graduate studies or career goals. The following emphasis areas are offered for majors and minors in Art:

- Ceramics
- Digital Media (*B.F.A. only*)
- Drawing & Painting
- Graphic Communications (*60-credit only*)
- Graphic Design
- Illustration (*B.F.A. only*)
- Photography
- Printmaking
- Sculpture
- Studio Art (*60-credit only*)

B.F.A. Requirements

Full guidelines for B.F.A. Requirements (<http://www.uwec.edu/Art/academics/bfa.htm>) can be found on the Department's website.

The Bachelor of Fine Arts is the degree students enroll in for the most immersive studio experience to prepare for graduate studies or a career. After enrollment in the B.F.A. program, students will apply around their second year in major to participate in a B.F.A. Review. They will be required to present a portfolio of their creative work for the review, which has been developed and maintained from the beginning of their studies. This central and essential tool is used by instructors to help advise and guide students in their development.

It will eventually be a means for the students to present themselves to the art and design world as they continue to utilize it during their coursework. Once accepted to continue the program after the Review, students will complete the B.F.A. degree plan and are expected to participate in a Senior Exhibition.

Transfers, Changes of Major, and other exceptions must check with the Department and their newly-assigned advisor to determine their position within the program and what requirements they will need to meet.

Students who wish to earn Comprehensive Teaching licensure in addition to the B.F.A. degree must complete additional credits in education, psychology, and communication as well as ART 244, ART 249, ART 357, and a three-dimensional art elective from ART 358, ART 364, ART 365, ART 366, ART 458, or a pre-approved course.

Advising and Additional Information

Advising

Art & Design maintains annual degree plans and check sheets with suggested four-year course sequences for each major and minor. These materials are available in the Art & Design Office and on the Department website. Students are responsible for working closely with their advisers to develop personal action plans. They are encouraged to use the degree plans and check sheets for these meetings.

Additional Information

NOTE 1: A student may take a maximum of nine credits of advanced studio courses in one semester. Some advanced studio courses are offered on a variable credit basis and may be repeated for additional credit. The total number of advanced studio credits which may be applied to a degree program will vary and is to be determined through consultation with the major adviser.

NOTE 2: Students must be prepared to pay for any materials, supplies, equipment, and/or services deemed in excess of the amount and kind the University provides for necessary instructional purposes.

Faculty

Christos Theo, Chair

Li-Ying Bao
Wanrudee Buranakorn
Ned Gannon
Gene Hood
Jyl Kelley
Cedar Marie
Susan O'Brien
Karen O'Day
Jill Olm
Sandra L. Starck

Majors

- Major: Art, Studio Emphasis, Liberal Arts - B.A./B.S. (p. 151)
- Major: Art, Art History Emphasis, Liberal Arts - B.A./B.S. (p. 130)
- Comprehensive Major: Art, Liberal Arts, Graphic Communications Emphasis - B.A./B.S. (p. 141)
- Comprehensive Major: Art, Liberal Arts, Studio Art Emphasis - B.A./B.S. (p. 143)
- Comprehensive Major: Art and Design Education, Teaching - B.A. (p. 127)
- Comprehensive Major: Art - B.F.A. | Choose an emphasis area:
 - Ceramics (p. 132)
 - Digital Media (p. 134)

- Drawing & Painting (p. 136)
- Graphic Design (p. 138)
- Illustration (p. 139)
- Photography (p. 145)
- Printmaking (p. 147)
- Sculpture (p. 149)

Minors

- Minor: Art, Liberal Arts (p. 145)
- Minor: Art History, Liberal Arts (p. 127)

Certificate

- Certificate: Fine Arts Administration (p. 346)

Art History, Minor

Liberal Arts (Code 030-401)

Twenty-four semester credits, including:

Required Courses		12
ARTH 109	Art of the 20th Century	3
ARTH 111	Art History Survey I ¹	3
ARTH 112	Art History Survey II ¹	3
ARTH 389	Methodologies of Art History	3
Electives in Art History ²		12

- ¹ ARTH 111 and ARTH 112 must be completed as the first two Art History courses.
- ² ARTH 399 and ARTH 499 cannot exceed three credits total and can only be taken after the accumulation of 12 earned semester credits of Art History and with the written approval of an Art History faculty member.

NOTE: Students pursuing the Minor: Art History and Major: Art, Studio Emphasis can overlap a maximum of 12 credits between major and minor programs.

Art and Design Education, Comprehensive Major

Teaching (Code 020-072)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average

University Residency Requirements (p. 50)³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.
Apply for graduation on Camp5.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
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Service-Learning Goal

Service-Learning (p. 49)	30 hours
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College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

- 1. Liberal Education requirements in the College of Education and Human Sciences.
- 2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

- 3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

- 4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
- 5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
	At least one Biology course	
	AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)	
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
	AND another learning experience	
K3 (Humanities)		

One literature course AND another learning experience

K4 (Fine Arts)

One fine arts course

S1 (Written and Oral Communication)

At least one writing course from the following:

WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing
WRIT 116	Blugold Seminar in Critical Reading and Writing
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students

AND at least one oral communication course from the following:

CJ 201	Introduction to Interpersonal Communication
CJ 202	Fundamentals of Speech
CJ 203	Fundamentals of Human Communication

S2 (Mathematics)

LE approved math course

S3 (Creativity)

ES 497	Field Experience Seminar (included in major)	2
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R1 (Equity, Diversity, Inclusivity)

ES 385	Social Foundations: Human Relations (included in major)	3
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AND another learning experience

R2 (Global Perspectives)

One LE approved course

R3 (Civic and Environmental Issues)

One LE approved course

IL (Integration)

ES 497	Field Experience Seminar (included in major)	2
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AND another learning experience

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EC-A Licensure

Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.

2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option C: EC-A

Early Childhood through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2
Prescribed special methods course(s) (see approved majors and minors below)		
Student Teaching Courses from list below:		14
ES 441	Student Teaching in Elementary Education	7
AND		
ES 445	Student Teaching in Middle Level Education	7
or ES 470 Student Teaching in Secondary Education		
or		
ES 440	Internship Teaching in Elementary Education	7-14
or		
ES 446	Internship Teaching in Middle Level Education	7-14
or		
ES 475	Internship Teaching in Secondary Education	7-14

NOTE 1: SPED 300 (not required of Kinesiology or Music majors).

NOTE 2: ES 441 is not required for Foreign Language majors and minors in the student teaching semester as an earlier elementary level field placement (required by DPI) occurs in ES 437.

NOTE 3: Music Education majors take MUED 318 instead of ES 318 and MUED 487 or MUED 488 instead of ES 441 and one of ES 445 or ES 470, or ES 440, or ES 446, or ES 475.

Approved Majors and Minors for Option C

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II or ACTFL Content Test Required
Art	020-072	ART 304 (Sp), ES 350 (F), ES 354 (Sp)		ETS 0134

Latin American Studies	340-003	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II ACTFL Content Test Required
Music, Instrumental/General	060-057	MUED 211, MUED 300, MUED 310, MUED 318, MUED 411, MUED 421		ETS 0113
Music, Choral/General	060-058	MUED 211, MUED 300, MUED 310, MUED 318, MUED 410, MUED 420		ETS 0113
Kinesiology	991-065	KINS 290		ETS 0091
French	260-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
German	280-204	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Spanish	320-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Theatre Arts	601-204	ES 361 (F)		ETS 0641
Minors	Code	Prescribed Methods Course	Additional Requirement	Praxis II ACTFL Content Test Required
Adaptive Physical Education	991-459		Only with KINS major	No addtl exam
French	260-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
German	280-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
Spanish	320-407	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
TESOL	550-410	ES 405 (F)	Only with F Lg major	ETS 0361

NOTE: Students completing an EC-A comprehensive major or standard major may complete an additional major or minor with licensure at the EA-A level from the list under Option B above.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option C and leads to licensure to teach Art in Early Childhood through Adolescence classrooms.

Art Education majors who wish to earn Teaching Licensure in Special Education-Art must complete ES 350 and seven to nine additional credits in Special Education (p. 483).

Sixty-two semester credits, including:

Foundations Courses ¹ 12

ART 107	Foundations: Drawing and Composition
ART 108	Foundations: Color and Composition
ART 110	Foundations: Three-Dimensional Art
ARTH 109	Art of the 20th Century

Studio Requirements 24

ART 241	Life Drawing I
ART 244	Introduction to Painting
ART 249	Introduction to Prints
ART 264	Sculpture I
ART 281	Introduction to Photography as an Art Form
ART 312	Computer Graphics
ART 357	Ceramics I

And one three-dimensional Art elective:

ART 358	Ceramics II
ART 364	Assembled Form
ART 365	Site-Specific Sculpture
ART 366	Found Media
ART 458	Advanced Ceramics

Or other pre-approved 3D course

Art History Requirements 9

ARTH 111	Art History Survey I
ARTH 112	Art History Survey II
ARTH/AIS 324	Survey of North American Indian Art
or ARTH/AIS 335	Ancient Art and Architecture of Mexico and Central America

Electives in Art (ART) or Art History (ARTH) ² 9

Art Education Requirements 8

ART 304	Fundamentals of Art Education
ES 350	Art in Grades 1-8
ES 354	Teaching Middle Level and Secondary Art

¹ Foundations courses should be completed within the first year of study.

² Internships, Directed Studies, Independent Studies, and Special Topics courses will count as elective credit.

NOTE: At least 21 credits of upper-division (300- to 400-level) Art or Art History courses must be included in the major. This includes all requirements and electives.

Art, Art History Emphasis, Major

Liberal Arts (Code 020-209)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		

Credit Requirements	
Minimum total for graduation ¹	120
Upper division credits (courses numbered 300 and higher)	39
Liberal Education Core (p. 46)	36
Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²	
Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average
University Residency Requirements (p. 50) ³	
Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits
Procedures Required for Graduation	
Obtain admission to the degree program and/or the College offering it.	
Apply for graduation on CampS.	

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1)		Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3)	One (1) learning experiences
Responsibility Goal	
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3)	One (1) learning experiences
Integration Goal	
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1)	Two (2) learning experiences
Service-Learning Goal	
Service-Learning (p. 49)	30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

This degree program is designed to liberally educate a student in art and design history. It presumes integration with a minor or second major. Art History majors electing the B.S. degree are highly encouraged to achieve foreign language competency (C or higher or a mark of S at the 102-level).

Thirty-six semester credits, including:

Core Courses:

ARTH 109	Art of the 20th Century	3
ARTH 111	Art History Survey I	3
ARTH 112	Art History Survey II	3
ARTH 217	Medieval Art	3
ARTH 315	Ancient Greek, Etruscan, and Roman Art	3
ARTH 319	Renaissance Art	3

Non-Western Art History Requirement, Choose One: 3

ARTH 324	Survey of North American Indian Art	3
ARTH 335	Ancient Art and Architecture of Mexico and Central America	3
ARTH 337	Art of Tawantinsuyo	3

Art History Electives, Choose Three: 9

ARTH 225	History of Graphic Design	3
ARTH 227	History of Photography	3
ARTH 321	Baroque and Rococo Art	3
ARTH 327	Nineteenth Century Art	3
ARTH 333	Themes in Contemporary Art	3
ARTH 350	Art Field Study Programs	3
Or any ARTH course not utilized above.		3

Non-Art History Elective, Choose One: 3

AIS 102	Introduction to American Indian Expressive Cultures	3
ANTH 169	Introduction to Archaeology	3

ART 107	Foundations: Drawing and Composition	3
CJ 280	Visual Communication	3
ENGL 181	Making Sense of the Movies	3
FLTR 250	Classical Mythology	3
HIST 280	History Travel Seminar	3
HIST 304	Greek Civilization	3
HIST 306	Roman Civilization	3
HIST 308	Ancient Historiography	3
MUSI 225	World Music	3
PHIL 325	Aesthetics	3
PHIL 328	Philosophy and Film	3
THEA 125	Introduction to Theatre History	3
Methodologies:		
ARTH 389	Methodologies of Art History	3
Total Credits		36

NOTE 1: For courses outside the Art History major, students are encouraged to make selections from the following: AIS 102, ANTH 169, CJ 280, ENGL 181, FLTR 250, HIST 280, HIST 304, HIST 306, MUSI 225, PHIL 325, PHIL 328, or THEA 125.

NOTE 2: Art History majors must complete at least one of the following travel experiences:

- A) UWEC-approved International Study Program;
- B) ARTH 350: the department's New York City Trip;
- C) The department trips to both Chicago and Minneapolis.

Art, Ceramics, Comprehensive Major

(Code 020-011)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21

Certificate 25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
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One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
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One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
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Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
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Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
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One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
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One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
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Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
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One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
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Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
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Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements

Bachelor of Fine Arts

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Fine Arts Degree in the College of Arts and Sciences (B.F.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Major Requirements

This degree is designed as a specialty for students pursuing graduate studies or planning careers in Ceramics. It provides the most immersive studio experience for graduating with a greater level of artistic development and focus. Students enrolling in the Comprehensive Major: Art, Ceramics Emphasis will need to apply for a B.F.A. Review to remain in this major. The suggested time for this review is in the second year of study.

Seventy-five semester credits, including:

Department Requirements

18

Foundation Courses: ¹	12
ART 107 Foundations: Drawing and Composition	
ART 108 Foundations: Color and Composition	
ART 110 Foundations: Three-Dimensional Art	
ARTH 109 Art of the 20th Century	
Art History Requirement:	6
ARTH 111 Art History Survey I	
ARTH 112 Art History Survey II	
Area Requirements	21
ART 264 Sculpture I	
ART 357 Ceramics I	
ART 358 Ceramics II	
ART 458 Advanced Ceramics ²	
ART 405 Advanced Three-Dimensional Studio ²	
Area Support Options, Choose Four:	12
ART 244 Introduction to Painting	
ART 249 Introduction to Prints	
ART 250 Printmaking - Relief-Beginning	
ART 278 3-D Computer Modeling	
ART 281 Introduction to Photography as an Art Form	
ART 344 Painting: Space and Process	
ART 364 Assembled Form	
ART 365 Site-Specific Sculpture	
ART 402 Advanced Studio Practice	
Electives in Art (ART) or Art History (ARTH)	18
Electives in Art History (ARTH): ARTH 333 and ARTH 335 recommended	6

¹ Foundations courses should be completed in the first year of study.

² Repeat ART 458 and ART 405 for a total of six credits each.

Additional B.F.A. Requirements

Full guidelines for B.F.A. Requirements (<http://www.uwec.edu/Art/academics/bfa.htm>) can be found on the Department's website.

- To be accepted to continue in the B.F.A. program, students must pass the B.F.A. Entrance Review. To complete the Review, students must apply with a minimum of 18 Art & Design credits including ART 107, ART 108, ART 110, ARTH 109 plus two courses in studio art. The maximum number of Art credits taken (including current enrollment) prior to the B.F.A. Entrance Review is 30.
- B.F.A. students are required to participate in one of two department-sponsored field trip options: the New York field trip OR the Chicago and Minneapolis field trips.
- To complete the B.F.A. program, students must participate in a Senior Exhibition.

NOTE: Transfers, Changes of Major, and other exceptions must check with the Department and their newly-assigned adviser to determine their position within the program and what requirements they will need to meet.

Art, Digital Media, Comprehensive Major

(Code 020-023)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

Bachelor of Fine Arts

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Fine Arts Degree in the College of Arts and Sciences (B.F.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Major Requirements

This degree is designed as a specialty for students pursuing graduate studies or planning careers in Digital Media. It provides the most immersive studio experience for graduating with a greater level of artistic development and focus. Students enrolling in the Comprehensive Major: Art, Digital Media Emphasis will need to apply for a B.F.A. Review to remain in this major. The suggested time for this review is in the second year of study.

Seventy-five semester credits, including:

Department Requirements		
Foundation Courses: ¹		
ART 107	Foundations: Drawing and Composition	3
ART 108	Foundations: Color and Composition	3
ART 110	Foundations: Three-Dimensional Art	3
ARTH 109	Art of the 20th Century	3
Art History Requirement:		
ARTH 111	Art History Survey I	3
ARTH 112	Art History Survey II	3
Area Requirements		
ART 241	Life Drawing I	3
ART 244	Introduction to Painting	3
ART 264	Sculpture I	3
ART 332	Illustration Narratives	3
ART 278	3-D Computer Modeling	3
ART 378	3-D Computer Animation I	3
ART 478	3-D Computer Animation II	3
Area Support Options, Choose Four:		
ART 240	Drawing: Contemporary Abstraction	
ART 247	Water-Media I	
ART 281	Introduction to Photography as an Art Form	
ART 341	Life Drawing II	
ART 342	Illustration Editorials	
ART 344	Painting: Space and Process	
ART 364	Assembled Form	
ART 373	Motion Graphics	

ART 383	Video for Art and Design	
CS 322	Animation Programming	
Electives in Art (ART) or Art History (ARTH)		18
Electives in Art History (ARTH)		6
Total Credits		75

¹ Foundations courses should be completed in the first year of study.

Additional B.F.A. Requirements

Full guidelines for B.F.A. Requirements (<http://www.uwec.edu/Art/academics/bfa.htm>) can be found on the Department's website.

- To be accepted to continue in the B.F.A. program, students must pass the B.F.A. Entrance Review. To complete the Review, students must apply with a minimum of 18 Art & Design credits including ART 107, ART 108, ART 110, ARTH 109 plus two courses in studio art. The maximum number of Art credits taken (including current enrollment) prior to the B.F.A. Entrance Review is 30.
- B.F.A. students are required to participate in one of two department-sponsored field trip options: the New York field trip OR the Chicago and Minneapolis field trips.
- To complete the B.F.A. program, students must participate in a Senior Exhibition.

NOTE: Transfers, Changes of Major, and other exceptions must check with the Department and their newly-assigned adviser to determine their position within the program and what requirements they will need to meet.

Art, Drawing & Painting, Comprehensive Major

(Code 020-022)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
Total	2.00 average	
Resident	2.00 average	
Major	2.00 average	
Minor	2.00 average	
Certificate	2.00 average	
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate	25 percent of credits	

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- Certain programs exceed this minimum.
- See special requirements in each College.
- See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

Bachelor of Fine Arts

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Fine Arts Degree in the College of Arts and Sciences (B.F.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Major Requirements

This degree is designed as a specialty for students pursuing graduate studies or planning careers in Drawing & Painting. It provides the most immersive studio experience for graduating with a greater level of artistic development and focus. Students enrolling in the Comprehensive Major: Art, Drawing & Painting Emphasis will need to apply for a B.F.A. Review to remain in this major. The suggested time for this review is in the second year of study.

Seventy-five semester credits, including:

Department RequirementsFoundation Courses: ¹

ART 107	Foundations: Drawing and Composition	3
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ART 108	Foundations: Color and Composition	3
ART 110	Foundations: Three-Dimensional Art	3
ARTH 109	Art of the 20th Century	3
Art History Requirement:		
ARTH 111	Art History Survey I	3
ARTH 112	Art History Survey II	3
Area Requirements		
ART 240	Drawing: Contemporary Abstraction	3
ART 244	Introduction to Painting	3
ART 340	Drawing: Conceptual Practices	3
ART 344	Painting: Space and Process	3
ART 349	Painting: Conceptual and Aesthetic Strategies	3
ART 402	Advanced Studio Practice ²	6
Area Support Options, Choose Four: ³		12

ART 241	Life Drawing I	
ART 247	Water-Media I	
ART 249	Introduction to Prints	
ART 250	Printmaking - Relief-Beginning	
ART 251	Printmaking - Intaglio-Beginning	
ART 252	Printmaking - Serigraphy-Beginning	
ART 253	Printmaking - Lithography-Beginning	
ART 278	3-D Computer Modeling	
ART 341	Life Drawing II	
ART 347	Water-Media Process	
ART 348	Water-Media Themes	
ART 373	Motion Graphics	

Electives in Art (ART) or Art History (ARTH) ⁴	18
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Electives in Art History (ARTH): ARTH 333 Recommended	6
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Total Credits	75
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- Foundations courses should be completed in the first year of study.
- Repeat ART 402 for a total of six credits.
- Courses need not be taken in a specified group, but these recommended groups provide a deeper support experience: ART 241, 247, 341, 347, and 348; ART 249, 278, and 373; ART 250, 251, 252, and 253.
- ART 264, ART 281, ART 383, and ART 384 recommended for Electives.

Additional B.F.A. Requirements

Full guidelines for B.F.A. Requirements (<http://www.uwec.edu/Art/academics/bfa.htm>) can be found on the Department's website.

- To be accepted to continue in the B.F.A. program, students must pass the B.F.A. Entrance Review. To complete the Review, students must apply with a minimum of 18 Art & Design credits including ART 107, ART 108, ART 110, ARTH 109 plus two courses in studio art. The maximum number of Art credits taken (including current enrollment) prior to the B.F.A. Entrance Review is 30.
- B.F.A. students are required to participate in one of two department-sponsored field trip options: the New York field trip OR the Chicago and Minneapolis field trips.
- To complete the B.F.A. program, students must participate in a Senior Exhibition.

NOTE: Transfers, Changes of Major, and other exceptions must check with the Department and their newly-assigned adviser to determine their position within the program and what requirements they will need to meet.

Art, Graphic Design, Comprehensive Major

(Code 020-012)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		
Apply for graduation on CampS.		

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal	
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal	
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal	
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal	
Service-Learning (p. 49)	30 hours

College Degree Requirements

Bachelor of Fine Arts

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is

required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Fine Arts Degree in the College of Arts and Sciences (B.F.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Major Requirements

This degree is designed as a specialty for students pursuing graduate studies or planning careers in Graphic Design. It provides the most immersive studio experience for graduating with a greater level of artistic development and focus. Students enrolling in the Comprehensive Major: Art, Graphic Design Emphasis will need to apply for a B.F.A. Review to remain in this major. The suggested time for this review is in the second year of study.

Seventy-five semester credits, including:

Department Requirements

Foundation Courses: ¹

ART 107	Foundations: Drawing and Composition	3
ART 108	Foundations: Color and Composition	3
ART 110	Foundations: Three-Dimensional Art	3
ARTH 109	Art of the 20th Century	3

Art History Requirement:

ARTH 111	Art History Survey I	3
ARTH 112	Art History Survey II	3

Area Requirements

ART 274	Graphic Design I: Compositional Principles of Graphic Design	3
ART 275	Graphic Design II: Typographics	3
ART 276	Graphic Design III: Symbology	3
ART 374	Graphic Design IV: Publication Design	3
ART 375	Electronic Media Design I: Information Environments	3
ART 476	Graphic Design VI: Advanced Graphic Communication	3
ART 477	Graphic Design VII: Advanced Portfolio Development	3

Area Support Options, Choose Four: 12

ART 241	Life Drawing I	
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ART 244	Introduction to Painting	
ART 247	Water-Media I	
ART 249	Introduction to Prints	
ART 264	Sculpture I	
ART 278	3-D Computer Modeling	
ART 281	Introduction to Photography as an Art Form	
ART 332	Illustration Narratives	
ART 342	Illustration Editorials	
ART 376	Graphic Design V: Visual Identity Applications	
ART 383	Video for Art and Design	
ART 384	Artist Books: Image & Text	
ART 474	Electronic Media Design II: Multi-Media Interface Concepts	

Art History Requirement

ARTH 225	History of Graphic Design	3
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Electives in Art (ART) or Art History (ARTH) 18

Electives in Art History (ARTH) 3

Total Credits 75

¹ Foundations courses should be completed in the first year of study.

Additional B.F.A. Requirements

Full guidelines for B.F.A. Requirements (<http://www.uwec.edu/Art/academics/bfa.htm>) can be found on the Department's website.

- To be accepted to continue in the B.F.A. program, students must pass the B.F.A. Entrance Review. To complete the Review, students must apply with a minimum of 18 Art & Design credits including ART 107, ART 108, ART 110, ARTH 109 plus two courses in studio art. The maximum number of Art credits taken (including current enrollment) prior to the B.F.A. Entrance Review is 30.
- B.F.A. students are required to participate in one of two department-sponsored field trip options: the New York field trip OR the Chicago and Minneapolis field trips.
- To complete the B.F.A. program, students must participate in a Senior Exhibition.

NOTE: Transfers, Changes of Major, and other exceptions must check with the Department and their newly-assigned adviser to determine their position within the program and what requirements they will need to meet.

Art, Illustration, Comprehensive Major

(Code 020-019)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36

Academic Concentrations (p. 50)

Grade Point Requirements (p. 49) ²

Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50) ³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

¹ Certain programs exceed this minimum.
² See special requirements in each College.
³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
a minimum of 36 credits		
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences	
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences	
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences	
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience	
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences	
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience	
One S2 to meet the University Mathematics Requirement (p. 49)		

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

Bachelor of Fine Arts

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Fine Arts Degree in the College of Arts and Sciences (B.F.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a

mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Major Requirements

This degree is designed as a specialty for students pursuing graduate studies or planning careers in Illustration. It provides the most immersive studio experience for graduating with a greater level of artistic development and focus. Students enrolling in the Comprehensive Major: Art, Illustration Emphasis will need to apply for a B.F.A. Review to remain in this major. The suggested time for this review is in the second year of study.

Seventy-five semester credits, including:

Foundations Courses: ¹		
ART 107	Foundations: Drawing and Composition	3
ART 108	Foundations: Color and Composition	3
ART 110	Foundations: Three-Dimensional Art	3
ARTH 109	Art of the 20th Century	3
Art History Requirements:		
ARTH 111	Art History Survey I	3
ARTH 112	Art History Survey II	3
Area Requirements		
ART 241	Life Drawing I	3
ART 244	Introduction to Painting	3
ART 332	Illustration Narratives	3
ART 341	Life Drawing II	3
ART 342	Illustration Editorials	3
ART 402	Advanced Studio Practice	3
ART 443	Advanced Studio - Illustration	3
Area Support Options, Choose Four: ²		12
ART 240	Drawing: Contemporary Abstraction	
ART 247	Water-Media I	
ART 250	Printmaking - Relief-Beginning	
ART 251	Printmaking - Intaglio-Beginning	
ART 274	Graphic Design I: Compositional Principles of Graphic Design	
ART 275	Graphic Design II: Typographics	
ART 278	3-D Computer Modeling	
ART 281	Introduction to Photography as an Art Form	
ART 312	Computer Graphics	
ART 340	Drawing: Conceptual Practices	
ART 344	Painting: Space and Process	
ART 347	Water-Media Process	
ART 348	Water-Media Themes	
ART 349	Painting: Conceptual and Aesthetic Strategies	
ART 375	Electronic Media Design I: Information Environments	
ART 378	3-D Computer Animation I	
ART 383	Video for Art and Design	
ART 384	Artist Books: Image & Text	
ART 402	Advanced Studio Practice	
ART 478	3-D Computer Animation II	
Electives in Art (ART) or Art History (ARTH)		18

Electives in Art History (ARTH)	6
Total Credits	75

- Foundations courses should be completed in the first year of study.
- Courses need not be taken in a specified group, but these recommended groups provide a deeper support experience: ART 240, 340, and 402; ART 344 and 349; ART 247, 347, and 348; ART 274, 275, and 375; ART 278, 378, and 478; ART 250, 251, and 384; ART 281, 383, and 312.

Additional B.F.A. Requirements

Full guidelines for B.F.A. Requirements (<http://www.uwec.edu/Art/academics/bfa.htm>) can be found on the Department's website.

- To be accepted to continue in the B.F.A. program, students must pass the B.F.A. Entrance Review. To complete the Review, students must apply with a minimum of 18 Art & Design credits including ART 107, ART 108, ART 110, ARTH 109 plus two courses in studio art. The maximum number of Art credits taken (including current enrollment) prior to the B.F.A. Entrance Review is 30.
- B.F.A. students are required to participate in one of two department-sponsored field trip options: the New York field trip OR the Chicago and Minneapolis field trips.
- To complete the B.F.A. program, students must participate in a Senior Exhibition.

NOTE: Transfers, Changes of Major, and other exceptions must check with the Department and their newly-assigned adviser to determine their position within the program and what requirements they will need to meet.

Art, Liberal Arts, Graphic Communications Emphasis, Comprehensive Major

Liberal Arts (Code 020-007)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49)²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50)³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21

Certificate 25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

**College Degree Requirements
Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)**

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the

MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

This degree is designed to provide students with a liberal arts experience in art or design, creating a well-rounded education that combines artistic interests with other academic disciplines. It provides an excellent technical, conceptual, creative, and aesthetic foundation for broader career options.

Foundations Courses ¹

ART 107	Foundations: Drawing and Composition	3
ART 274	Graphic Design I: Compositional Principles of Graphic Design	3
ARTH 109	Art of the 20th Century	3

Area Requirements

ART 275	Graphic Design II: Typographics	3
ART 276	Graphic Design III: Symbology	3
ART 374	Graphic Design IV: Publication Design	3
ART 375	Electronic Media Design I: Information Environments	3

Advanced Course Requirements

ART 477	Graphic Design VII: Advanced Portfolio Development	3
ART 474	Electronic Media Design II: Multi-Media Interface Concepts	3
or ART 476	Graphic Design VI: Advanced Graphic Communication	

Art History Requirement

ARTH 112	Art History Survey II	9
ARTH 225	History of Graphic Design	
ARTH Elective ²		

Elective in Studio Art (ART) Courses ³

Interdisciplinary Electives

Choose three courses from:

CJ 184	Multimedia Communication	
CJ 202	Fundamentals of Speech	
CJ 260	Introduction to Integrated Strategic Communication	
CS 318	Fundamentals of Web Page Design	
CS 319	Introduction to Web Programming	
CS 320	Web Database Design and Implementation	
CS 322	Animation Programming	

Total Credits **60**

¹ Foundations courses should be completed in the first year of study.

² One 3-credit ARTH elective: ARTH 333 recommended.

³ 6 credits must be 300-level or above.

Art, Liberal Arts, Studio Art Emphasis, Comprehensive Major

Liberal Arts (Code 020-006)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		
Apply for graduation on CampS.		

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

This degree is designed to provide students with a liberal arts experience in art or design, creating a well-rounded education that combines artistic interests with other academic disciplines. It provides an excellent technical, conceptual, creative, and aesthetic foundation for broader career options.

Foundations Courses¹

ART 107	Foundations: Drawing and Composition	3
ART 108	Foundations: Color and Composition	3
ART 110	Foundations: Three-Dimensional Art	3
ARTH 109	Art of the 20th Century	3

Area Requirements, Choose Four:

ART 240	Drawing: Contemporary Abstraction	12
ART 244	Introduction to Painting	
ART 249	Introduction to Prints	
ART 264	Sculpture I	
ART 281	Introduction to Photography as an Art Form	12
ART 357	Ceramics I	

Advanced Course Requirement, Choose One:

ART 402	Advanced Studio Practice	3
ART 405	Advanced Three-Dimensional Studio	

Art History Requirements		
ARTH 111	Art History Survey I	3
ARTH 112	Art History Survey II	3
ARTH 333	Themes in Contemporary Art	3
Electives in Art (ART) or Art History (ARTH)²		24
Total Credits		60

¹ Foundations courses should be completed in the first year of study.

² 15 credits must be 300-level or above. 3 credits must be in Art History (ARTH).

Art, Minor

Liberal Arts (Code 020-402)

Twenty-four semester credits, including:

Foundations Courses, Choose Two:¹		6
ART 105	Introduction to the Visual Arts	
ART 107	Foundations: Drawing and Composition	
ART 108	Foundations: Color and Composition	
ART 110	Foundations: Three-Dimensional Art	
Entry-Level Courses, Choose Three:		9
ART 240	Drawing: Contemporary Abstraction	
ART 241	Life Drawing I	
ART 244	Introduction to Painting	
ART 247	Water-Media I	
ART 249	Introduction to Prints	
ART 250	Printmaking - Relief-Beginning	
ART 251	Printmaking - Intaglio-Beginning	
ART 252	Printmaking - Serigraphy-Beginning	
ART 253	Printmaking - Lithography-Beginning	
ART 264	Sculpture I	
ART 274	Graphic Design I: Compositional Principles of Graphic Design	
ART 275	Graphic Design II: Typographics	
ART 276	Graphic Design III: Symbology	
ART 278	3-D Computer Modeling	
ART 281	Introduction to Photography as an Art Form	
ART 312	Computer Graphics	
ART 357	Ceramics I	
Intermediate/Advanced Courses, Choose Three:		9
ART 332	Illustration Narratives	
ART 340	Drawing: Conceptual Practices	
ART 341	Life Drawing II	
ART 342	Illustration Editorials	
ART 344	Painting: Space and Process	
ART 347	Water-Media Process	
ART 348	Water-Media Themes	
ART 349	Painting: Conceptual and Aesthetic Strategies	
ART 350	Printmaking - Relief-Intermediate	
ART 351	Printmaking - Intaglio-Intermediate	
ART 352	Printmaking - Serigraphy-Intermediate	

ART 353	Printmaking - Lithography-Intermediate
ART 358	Ceramics II
ART 364	Assembled Form
ART 365	Site-Specific Sculpture
ART 366	Found Media
ART 373	Motion Graphics
ART 374	Graphic Design IV: Publication Design
ART 375	Electronic Media Design I: Information Environments
ART 376	Graphic Design V: Visual Identity Applications
ART 378	3-D Computer Animation I
ART 381	Intermediate Photography: Darkroom
ART 382	Intermediate Photography: Digital
ART 383	Video for Art and Design
ART 384	Artist Books: Image & Text
ART 402	Advanced Studio Practice
ART 405	Advanced Three-Dimensional Studio
ART 441	Advanced Studio - Life Drawing
ART 443	Advanced Studio - Illustration
ART 458	Advanced Ceramics
ART 474	Electronic Media Design II: Multi-Media Interface Concepts
ART 476	Graphic Design VI: Advanced Graphic Communication
ART 477	Graphic Design VII: Advanced Portfolio Development
ART 478	3-D Computer Animation II
ART 481	Advanced Studio-Photography

¹ It is important to be aware of which Foundations courses are prerequisites for the entry-level and intermediate/advanced courses and plan the minor accordingly.

NOTE: Art minors are encouraged to take Art History (ARTH) courses to meet the LE-K4 requirement.

Art, Photography, Comprehensive Major

(Code 020-018)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49)²		
Total		2.00 average
Resident		2.00 average

Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50)³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

- Certain programs exceed this minimum.
- See special requirements in each College.
- See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal	
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal	
Service-Learning (p. 49)	30 hours

College Degree Requirements

Bachelor of Fine Arts

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Fine Arts Degree in the College of Arts and Sciences (B.F.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Major Requirements

This degree is designed as a specialty for students pursuing graduate studies or planning careers in Photography. It provides the most immersive studio experience for graduating with a greater level of artistic development and focus. Students enrolling in the Comprehensive Major: Art, Photography Emphasis will need to apply for a B.F.A. Review to remain in this major. The suggested time for this review is in the second year of study.

Seventy-five semester credits, including:

Foundations Courses: ¹		
ART 107	Foundations: Drawing and Composition	3
ART 108	Foundations: Color and Composition	3
ART 110	Foundations: Three-Dimensional Art	3
ARTH 109	Art of the 20th Century	3
Art History Requirements:		
ARTH 111	Art History Survey I	3
ARTH 112	Art History Survey II	3
Area Requirements		
ART 281	Introduction to Photography as an Art Form	3
ART 381	Intermediate Photography: Darkroom	3
ART 382	Intermediate Photography: Digital	3
ART 383	Video for Art and Design	3
or ART 384	Artist Books: Image & Text	
ART 481	Advanced Studio-Photography ²	6
ART 481	Advanced Studio-Photography ²	3
or ART 402	Advanced Studio Practice	
Area Support Options, Choose Four: ³		
ART 240	Drawing: Contemporary Abstraction	
ART 241	Life Drawing I	
ART 244	Introduction to Painting	
ART 249	Introduction to Prints	
ART 250	Printmaking - Relief-Beginning	
ART 251	Printmaking - Intaglio-Beginning	
ART 253	Printmaking - Lithography-Beginning	
ART 264	Sculpture I	
ART 274	Graphic Design I: Compositional Principles of Graphic Design	
ART 275	Graphic Design II: Typographics	
ART 278	3-D Computer Modeling	
ART 332	Illustration Narratives	
ART 340	Drawing: Conceptual Practices	
ART 341	Life Drawing II	
ART 342	Illustration Editorials	
ART 357	Ceramics I	
ART 358	Ceramics II	
ART 365	Site-Specific Sculpture	
ART 378	3-D Computer Animation I	
ART 383	Video for Art and Design	
ART 384	Artist Books: Image & Text	
Art History Requirement		
ARTH 227	History of Photography	3
Electives in Art (ART) or Art History (ARTH)		
		18

Electives in Art History (ARTH)	3
Total Credits	75

- Foundations courses should be completed in the first year of study.
- Repeat ART 481 for a minimum total of six credits. Then choose ART 481 again for three additional credits (totaling 9) or ART 402.
- Courses need not be taken in a specified group, but these recommended groups provide a deeper support experience:
 - 2-Dimensional Media: ART 240, 241, 244, 249, 250, 251, 253, 340, 341
 - 3-Dimensional Media: ART 241, 264, 278, 357, 358, 365, 378, 383
 - Motion/Time-Based Art: ART 241, 278, 378, 383
 - Book & Paper Art: ART 249, 250, 251, 253, 274, 275, 332, 342, 384

Additional B.F.A. Requirements

Full guidelines for B.F.A. Requirements (<http://www.uwec.edu/Art/academics/bfa.htm>) can be found on the Department's website.

- To be accepted to continue in the B.F.A. program, students must pass the B.F.A. Entrance Review. To complete the Review, students must apply with a minimum of 18 Art & Design credits including ART 107, ART 108, ART 110, ARTH 109 plus two courses in studio art. The maximum number of Art credits taken (including current enrollment) prior to the B.F.A. Entrance Review is 30.
- B.F.A. students are required to participate in one of two department-sponsored field trip options: the New York field trip OR the Chicago and Minneapolis field trips.
- To complete the B.F.A. program, students must participate in a Senior Exhibition.

NOTE: Transfers, Changes of Major, and other exceptions must check with the Department and their newly-assigned adviser to determine their position within the program and what requirements they will need to meet.

Art, Printmaking, Comprehensive Major

(Code 020-021)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49)²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50)³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12

Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

**College Degree Requirements
Bachelor of Fine Arts**

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Fine Arts Degree in the College of Arts and Sciences (B.F.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Major Requirements

This degree is designed as a specialty for students pursuing graduate studies or planning careers in Printmaking. It provides the most immersive studio experience for graduating with a greater level of artistic development and focus. Students enrolling in the Comprehensive Major: Art, Printmaking Emphasis will need to apply for a B.F.A. Review to remain in this major. The suggested time for this review is in the second year of study.

Seventy-five semester credits, including:

Department Requirements

Foundation Courses: ¹

ART 107	Foundations: Drawing and Composition	3
ART 108	Foundations: Color and Composition	3
ART 110	Foundations: Three-Dimensional Art	3
ARTH 109	Art of the 20th Century	3
Art History Requirement:		
ARTH 111	Art History Survey I	3
ARTH 112	Art History Survey II	3

Area Requirements

ART 241	Life Drawing I	3
ART 250	Printmaking - Relief-Beginning	3
ART 251	Printmaking - Intaglio-Beginning	3
ART 253	Printmaking - Lithography-Beginning	3
ART 402	Advanced Studio Practice	3

Choose Two: 6

ART 350	Printmaking - Relief-Intermediate	
ART 351	Printmaking - Intaglio-Intermediate	
ART 353	Printmaking - Lithography-Intermediate	

Area Support Options, Choose Four: 12

ART 240	Drawing: Contemporary Abstraction	
ART 244	Introduction to Painting	
ART 247	Water-Media I	
ART 264	Sculpture I	
ART 281	Introduction to Photography as an Art Form	
ART 340	Drawing: Conceptual Practices	
ART 341	Life Drawing II	
ART 344	Painting: Space and Process	
ART 347	Water-Media Process	
ART 348	Water-Media Themes	
ART 349	Painting: Conceptual and Aesthetic Strategies	
ART 357	Ceramics I	
ART 365	Site-Specific Sculpture	
ART 384	Artist Books: Image & Text	

Electives in Art (ART) and Art History (ARTH) 18**Electives in Art History (ARTH)** 6**Total Credits** 75¹ Foundations courses should be completed in the first year of study.**Additional B.F.A. Requirements**Full guidelines for B.F.A. Requirements (<http://www.uwec.edu/Art/academics/bfa.htm>) can be found on the Department's website.

- To be accepted to continue in the B.F.A. program, students must pass the B.F.A. Entrance Review. To complete the Review, students must apply with a minimum of 18 Art & Design credits including ART 107, ART 108, ART 110, ARTH 109 plus two courses in studio art. The maximum number of Art credits taken (including current enrollment) prior to the B.F.A. Entrance Review is 30.
- B.F.A. students are required to participate in one of two department-sponsored field trip options: the New York field trip OR the Chicago and Minneapolis field trips.

- To complete the B.F.A. program, students must participate in a Senior Exhibition.

NOTE: Transfers, Changes of Major, and other exceptions must check with the Department and their newly-assigned adviser to determine their position within the program and what requirements they will need to meet.

Art, Sculpture, Comprehensive Major

(Code 020-017)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		

Minimum total for graduation ¹	120
Upper division credits (courses numbered 300 and higher)	39
Liberal Education Core (p. 46)	36
Academic Concentrations (p. 50)	

Grade Point Requirements (p. 49) ²

Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50) ³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.² See special requirements in each College.³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
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Service-Learning Goal

Service-Learning (p. 49)	30 hours
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College Degree Requirements

Bachelor of Fine Arts

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is

required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Fine Arts Degree in the College of Arts and Sciences (B.F.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Major Requirements

This degree is designed as a specialty for students pursuing graduate studies or planning careers in Sculpture. It provides the most immersive studio experience for graduating with a greater level of artistic development and focus. Students enrolling in the Comprehensive Major: Art, Sculpture Emphasis will need to apply for a B.F.A. Review to remain in this major. The suggested time for this review is in the second year of study.

Seventy-five semester credits, including:

Department Requirements		
Foundation Courses: ¹		
ART 107	Foundations: Drawing and Composition	3
ART 108	Foundations: Color and Composition	3
ART 110	Foundations: Three-Dimensional Art	3
ARTH 109	Art of the 20th Century	3
Art History Requirement:		
ARTH 111	Art History Survey I	3
ARTH 112	Art History Survey II	3
Area Requirements		
ART 264	Sculpture I	3
ART 357	Ceramics I	3
ART 405	Advanced Three-Dimensional Studio ²	6
Choose Two:		6
ART 364	Assembled Form	
ART 365	Site-Specific Sculpture	
ART 366	Found Media	
Choose One:		3
ART 240	Drawing: Contemporary Abstraction	
ART 241	Life Drawing I	
ART 250	Printmaking - Relief-Beginning	
ART 251	Printmaking - Intaglio-Beginning	

ART 340	Drawing: Conceptual Practices	
Area Support Options, Choose Four:		12
ART 240	Drawing: Contemporary Abstraction	
ART 241	Life Drawing I	
ART 251	Printmaking - Intaglio-Beginning	
ART 278	3-D Computer Modeling	
ART 358	Ceramics II	
ART 364	Assembled Form	
ART 365	Site-Specific Sculpture	
ART 366	Found Media	
ART 378	3-D Computer Animation I	
ART 383	Video for Art and Design	
ART 384	Artist Books: Image & Text	
ART 402	Advanced Studio Practice	
ART 458	Advanced Ceramics	
ART 478	3-D Computer Animation II	
Electives in Art (ART) or Art History (ARTH)		18
Electives in Art History (ARTH)		6
Total Credits		75

¹ Foundations courses should be completed in the first year of study.

² Repeat ART 405 for a total of six credits.

Additional B.F.A. Requirements

Full guidelines for B.F.A. Requirements (<http://www.uwec.edu/Art/academics/bfa.htm>) can be found on the Department's website.

- To be accepted to continue in the B.F.A. program, students must pass the B.F.A. Entrance Review. To complete the Review, students must apply with a minimum of 18 Art & Design credits including ART 107, ART 108, ART 110, ARTH 109 plus two courses in studio art. The maximum number of Art credits taken (including current enrollment) prior to the B.F.A. Entrance Review is 30.
- B.F.A. students are required to participate in one of two department-sponsored field trip options: the New York field trip OR the Chicago and Minneapolis field trips.
- To complete the B.F.A. program, students must participate in a Senior Exhibition.

NOTE: Transfers, Changes of Major, and other exceptions must check with the Department and their newly-assigned adviser to determine their position within the program and what requirements they will need to meet.

Art, Studio Emphasis, Major

Liberal Arts (Code 020-208)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average

University Residency Requirements (p. 50) ³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- Certain programs exceed this minimum.
- See special requirements in each College.
- See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available)

may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

This degree program is designed to liberally educate a student with knowledgeable foundations in art or design. It is not offered as a career or professional path, and it presumes integration with a minor or second major.

Thirty-six semester credits, including:

Foundation Courses		
ART 107	Foundations: Drawing and Composition	3
ART 108	Foundations: Color and Composition	3
ART 110	Foundations: Three-Dimensional Art	3
ARTH 109	Art of the 20th Century	3

Art History Requirement		
ARTH 111	Art History Survey I	3
ARTH 112	Art History Survey II	3

Studio Area Requirement		
9		

Choose one three-course studio area sequence:

Ceramics:		
ART 357	Ceramics I	
& ART 358	and Ceramics II	
& ART 458	and Advanced Ceramics	

Drawing, Option 1:		
ART 240	Drawing: Contemporary Abstraction	
& ART 340	and Drawing: Conceptual Practices	
& ART 402	and Advanced Studio Practice	

Drawing, Option 2:		

ART 241 Life Drawing I
& ART 341 and Life Drawing II
& ART 441 and Advanced Studio - Life Drawing

Graphic Design:

ART 274 Graphic Design I: Compositional Principles
& ART 275 of Graphic Design
& ART 375 and Graphic Design II: Typographics
and Electronic Media Design I: Information
Environments

Painting, Option 1:

ART 244 Introduction to Painting
& ART 344 and Painting: Space and Process
& ART 349 and Painting: Conceptual and Aesthetic
Strategies

Painting, Option 2:

ART 247 Water-Media I
& ART 347 and Water-Media Process
& ART 348 and Water-Media Themes

Photography:¹

ART 281 Introduction to Photography as an Art
& ART 381 Form
and Intermediate Photography: Darkroom
or ART 382 Intermediate Photography: Digital
or ART 383 Video for Art and Design
or ART 384 Artist Books: Image & Text

Printmaking:²

ART 402 Advanced Studio Practice
ART 250 Printmaking - Relief-Beginning
& ART 350 and Printmaking - Relief-Intermediate
ART 251 Printmaking - Intaglio-Beginning
& ART 351 and Printmaking - Intaglio-Intermediate
ART 252 Printmaking - Serigraphy-Beginning
& ART 352 and Printmaking - Serigraphy-Intermediate
ART 253 Printmaking - Lithography-Beginning
& ART 353 and Printmaking - Lithography-
Intermediate

Sculpture:³

ART 264 Sculpture I
& ART 364 and Assembled Form
& ART 405 and Advanced Three-Dimensional Studio
or ART 366 Found Media

Electives in Art (ART) or Art History (ARTH)

9

Total Credits

36

- ¹ Photography course sequence: Choose **two** 300-level courses.
² Printmaking course sequence: Choose one pair in addition to ART 402
³ Sculpture course sequence: Choose either ART 364 or ART 366

Biology

Phillips 330

715-836-4166

<http://www.uwec.edu/biology>

Honor Societies and Student Organizations

Biology Club is a student organization for those interested in Biology. Beta Beta Beta, Biology Honor society, is dedicated to improving the understanding and appreciation of biological study and extending the boundaries of human knowledge through scientific research. Meetings provide opportunities to meet other biology majors/minors and professors, hear speakers on various biology related topics, learn about possible internships and research opportunities, and participate in fun activities such as trips to science museums, aquariums, and zoos.

Biologists study the diversity, function, and interconnection of living organisms on earth from the molecular and cellular level to that of the whole organism. It is a broad science with many subdisciplines that range from the theoretical to the applied and from the microbe to the biome. Biological knowledge and understanding is essential for the intelligent evaluation of a range of issues facing civilization whether they be emerging diseases; invasive species and loss of biodiversity; or advances in medical, biotechnological, and ecological research.

The mission of the Department is to build a community that will instill an enthusiasm for lifetime learning in the biological sciences through education, research, and service to students, faculty/staff, and the public-at-large. We aim to provide students with basic concepts and skills as well as an enlightening and participatory learning environment via coursework, seminars, and collaborative research opportunities so that they may solve problems and confront issues of the future whether they be scientific, social, political, or ethical in context. We also aim to provide an atmosphere that assists students in identifying career possibilities consistent with their interests and abilities in the life sciences.

Departmental Honors in Biology

Eligibility: Upper-class students with resident and total GPAs of 3.30 or higher and a 3.50 or higher in at least 12 credits of biology.

Procedure: A written application for Departmental Honors in Biology shall be approved by the research adviser and the departmental honors committee.

Requirements:

1. The satisfactory completion of
 - a. 5-7 credits of registration in Honors Research including the writing of a research paper. A grade will be given for the total research credits only upon completion of the research paper;
 - b. BIOL 385 or BIOL 497 where the results of the honors research will be presented;
 - c. final approval by faculty and academic staff of the Department of Biology.
2. Resident and total GPAs of 3.50 or higher in both the biology major and for all credits attempted to meet graduation requirements.

Faculty

Wilson Taylor, Chair

Julie Anderson

Winnifred Bryant
 Rodolfo Buiser
 Christina Chan-Weiher
 Mary Elger-Lonzarich
 Mitchell Freymiller
 Derek Gingerich
 Daniel Herman
 Daniel Janik
 Lynn Young Janik
 Mel Kantor
 Michelle Kettler
 Paula Kleintjes Neff
 Tali Lee
 David Lonzarich
 Jamie Lyman Gingerich
 Kelly Murray
 Joseph Rohrer
 Sasha Showsh
 Evan Weiher
 Todd Wellnitz

Majors

- Comprehensive Major: Biology, Ecology and Environmental Biology Emphasis, Liberal Arts - B.A./B.S. (p. 154)
- Comprehensive Major: Biology, Microbiology Emphasis, Liberal Arts - B.A./B.S. (p. 162)
- Major: Biology, Liberal Arts - B.A./B.S. (p. 160)
- Major: Biology, Teaching - B.S. (p. 156)
- Comprehensive Major: Biochemistry/Molecular Biology - B.A./B.S. (College of Arts and Sciences Interdisciplinary Major) (p. 61)

Minors

- Minor: Biology, General, Liberal Arts (p. 156)
- Minor: Biology, Teaching (p. 164)

Biology, Ecology and Environmental Biology Emphasis, Comprehensive Major

Liberal Arts (Code 080-001)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average

Certificate	2.00 average
University Residency Requirements (p. 50) ³	
Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

This emphasis provides extensive exposure to topics in ecology, field biology, and biological conservation. It is intended for students who are interested in field research, environmental monitoring and management, or natural resource conservation, or who desire strong preparation for graduate programs in ecology, environmental biology, or related fields. Requires completion of the core, the required credits as listed below, and biology electives to total at least 60 credits.

Core Requirements for All Biology Majors

Ecology and Environmental Biology Emphasis (Code 080-001); Microbiology Emphasis (Code 080-002); Biology, Liberal Arts (Code 080-203); Biology, Teaching (Code 080-205).

BIOL 221	Foundations of Biology I	4
BIOL 222	Foundations of Biology II	3
BIOL 223	Foundations of Biological Inquiry	2
Total Credits		9

Core Requirements for Biology, Liberal Arts

All students who pursue a Liberal Arts Comprehensive Major in Biology are also required to complete MATH 114, and CHEM 103 and CHEM 104, or CHEM 115, in addition to the 60 credits required for the major.

Comprehensive Major: Biology, Ecology and Environmental Biology Emphasis

Required Courses

BIOL 321	Ecology	3
BIOL 323	Genetics	3
BIOL 383	Statistical Analysis of Biological Data	3

Field Experience may include:

BIOL 320	Studies in Tropical Environments
BIOL 423	Collaborative Research in Biology
BIOL 490	Biological Field Studies
summer offerings at a biological field station	
or other approved experience	

Categorical Courses

Form and Function:

At least one course from:

BIOL 315	Reproductive Physiology
BIOL 317	Animal Physiology
BIOL 318	Plant Form and Function
BIOL 319	Animal Form and Function
BIOL 322	Plant Anatomy

BIOL 333	Plant Physiology
BIOL 350	Systems Neuroscience
BIOL 380	Endocrinology

Organismal Diversity:

At least two courses from:

BIOL 311	General Entomology
BIOL 325	Plant Systematics
BIOL 331	Trees and Shrubs
BIOL 332	Field Botany
BIOL 340	Ornithology
BIOL 345	Invertebrate Zoology
BIOL 356	Wisconsin Wildlife
BIOL 361	Biology of Microorganisms
BIOL 362	Field Zoology
BIOL 379	Biology of Fishes

Ecology, Evolution, and Behavior:

At least two courses from:

BIOL 306	Infectious Disease Ecology
BIOL 308	Evolution
BIOL 328	Conservation Biology
BIOL 336	Terrestrial Ecology
BIOL 339	Physiological Ecology
BIOL 365	Animal Behavior
BIOL 376	Aquatic Ecology
BIOL 435	Advanced Ecology

Physical SciencesSelect from the following: ¹ 12

GEOG 270	Land Use Issues and Problems
GEOG 304	Introduction to Geomorphology
GEOG 335	Geographic Information Systems I
GEOG 336	Geospatial Field Methods
GEOG 337	Geographic Information Systems II
GEOG 338	Remote Sensing of the Environment
GEOG 350	Soils and the Environment
GEOG 361	Environmental Hazards
GEOG 363	Watershed Analysis
GEOG 435	Geographic Information Systems III
GEOG 438	Advanced Remote Sensing
GEOG 455	Web Geographic Information Systems
GEOL 115	Environmental Geology
GEOL 301	Earth Resources
GEOL 304	Global Environmental Change
GEOL 308	Water Resources
GEOL 315	Hydrogeology I
GEOL 336	Introduction to Geochemistry
PHYS 211	General Physics
PHYS 231	University Physics I
CHEM 304	Environmental Chemistry
CHEM 325	Organic Chemistry I with Laboratory

¹ only 12 credits maximum will be applied toward the major

Research or internship experience strongly recommended.

Biology, General, Minor

Liberal Arts (Code 080-401)

Twenty-four semester credits in Biology, including:

BIOL 221	Foundations of Biology I	4
BIOL 222	Foundations of Biology II	3
BIOL 223	Foundations of Biological Inquiry	2

Biology, Major - Teaching

Teaching (Code 080-205)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average

Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		
WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	
WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students	
AND at least one oral communication course from the following:		
CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	
S2 (Mathematics)		
LE approved math course		
S3 (Creativity)		
ES 497	Field Experience Seminar (included in major)	2

R1 (Equity, Diversity, Inclusivity)		
ES 385	Social Foundations: Human Relations (included in major)	3

AND another learning experience

R2 (Global Perspectives)		
One LE approved course		

R3 (Civic and Environmental Issues)		
One LE approved course		

IL (Integration)		
ES 497	Field Experience Seminar (included in major)	2

AND another learning experience

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EA-A Licensure Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option B: EA-A Early Adolescence through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
Prescribed special methods course(s) (see approved majors and minors below)		
ES 445 & ES 470	Student Teaching in Middle Level Education and Student Teaching in Secondary Education	14
or ES 446	Internship Teaching in Middle Level Education	
or ES 475	Internship Teaching in Secondary Education	

ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2

NOTE: Although majors must be from the approved list below, the second plan may be from the approved list. Students pursuing EA-A licensure are not required to elect a second plan that leads to a teaching license.

Approved Majors and Minors for Option B

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II Content Test Required
English	540-006	ENGL 319, ENGL 419		ETS 5038
Earth and Space Science	160-015 ¹	ES 359 (F)		ETS 5435
Mathematics	180-002	ES 357		ETS 5061
Physical Science ¹	240-004	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Physics-Mathematics ¹				ETS 5161 and ETS 5435 (regardless of emphasis)
Physics Emphasis	210-003	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Mathematics Emphasis	210-004	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Social Studies	500-XXX	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Majors	Code	Prescribed Methods Course	Additional Requirements	Praxis II Content Test Required
Biology ¹	080-205	ES 367 (Sp)	BIOL 180 or GEOG 178	ETS 5435
Chemistry ¹	100-204	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Economics	360-204	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
English	540-210	ENGL 319, ENGL 419		ETS 5038
Geography	140-213	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
History	380-206	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Mathematics	180-207	ES 357		ETS 5161
Physics ¹	230-205	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-203	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
Biology	080-403	ES 367 (SP)	BIOL 180 or GEOG 178	ETS 5435
Chemistry	100-406	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Coaching	971-403	KINS 492		no addt'l exam
Economics	360-404	ES 356	BIOL 180 or GEOG 178	ETS 5081
English	540-408	ENGL 319, ENGL 419		ETS 5038
French	260-404	ES 366 (F) in language	Study abroad	WPT and OPI or OPIc
Geography	140-413	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Geology	160-402	ES 359 (F)		
German	280-404	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
History	380-404	ES 356 (SP)	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Learning Disabilities	950-471			ETS 5146
Library Science	960-403		EC-A licensure	no addt'l exam for this minor
Mathematics	180-407	ES 357		ETS 5161
Physics	230-403	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-403	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Sociology	480-404	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Spanish	320-405	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
Teaching English to Speakers of Other Languages (TESOL)	550-408	ES 405 (F)	1 yr college level foreign language	ETS 0361
Theatre Arts	601-424	ES 361 (F)		ETS 0641

¹ Broadfield Science add-on certification is available with these majors and requires ES 359 (fall only) and ES 367 (spring only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Core Requirements for All Biology Majors

Ecology and Environmental Biology Emphasis (Code 080-001); Microbiology Emphasis (Code 080-002); Biology, Liberal Arts (Code 080-203); Biology, Teaching (Code 080-205).

Thirty-six semester credits, including the core and required courses:

Core Courses

BIOL 221	Foundations of Biology I	4
BIOL 222	Foundations of Biology II	3
BIOL 223	Foundations of Biological Inquiry	2

Total Credits **9**

Required Courses:

BIOL 180	Environmental Biology and Conservation	3
BIOL 321	Ecology	3
BIOL 323	Genetics	3
BIOL 324	¹	
BIOL 496	Student Academic Apprenticeship	1-2

Additional biology courses to complete the 36-credit total in biology.

¹ Course in development

In addition to the 36 credits in biology, chemistry requirement chosen from CHEM 103 and CHEM 104 OR CHEM 115. This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Biology in Early Adolescence through Adolescence classrooms.

Information for Teaching Majors

Biology majors entering teaching must also take ES 367.

Broadfield Science Licensure:

Completion of the following requirements and ES 359 may be used in lieu of a minor and adds Broadfield Science licensure to the Teaching major:

A. At least 14 credits from one of the following areas:

Area 1

Required:

CHEM 103 General Chemistry I
& CHEM 104 and General Chemistry II

OR

CHEM 115 Chemical Principles

Additional courses selected from below:

CHEM 213 Quantitative Analysis

CHEM 218 Introduction to Inorganic Chemistry

CHEM 325 Organic Chemistry I with Laboratory

Area 2

PHYS 211 General Physics
& PHYS 212 and General Physics

OR

PHYS 231 University Physics I
& PHYS 232 and University Physics II

Additional Physics credits above 212

Area 3

Select one of the following:

GEOL 106	Earth Science
GEOL 110	Physical Geology
GEOL 115	Environmental Geology
GEOL 118	Societal Issues in Earth Science

Select one of the following:

GEOG 104	The Physical Environment
GEOG 340	Climatology
GEOG 361	Environmental Hazards

Required:

PHYS 226	Astronomy-Solar System
----------	------------------------

Additional courses from the following:

GEOL 102	Oceanography
GEOL 301	Earth Resources
GEOL 303	Rocky Mountain Field Studies
GEOL 308	Water Resources
PHYS 229	Astronomy-Stars and Galaxies
GEOG 200	Foundations of Geography
GEOG 304	Introduction to Geomorphology
GEOG 340	Climatology
GEOG 361	Environmental Hazards

B. Eight credits in each of the two areas not selected in A above:

Area 1

CHEM 103	General Chemistry I
or CHEM 115	Chemical Principles
CHEM 104	General Chemistry II
or CHEM 150	Survey of Biochemistry

Area 2

Select one of the following:

PHYS 211 & PHYS 212	General Physics and General Physics
OR	
PHYS 231 & PHYS 232	University Physics I and University Physics II

Area 3

GEOL 106	Earth Science
OR	
GEOL 110	Physical Geology
OR	
GEOL 115	Environmental Geology
OR	
GEOL 118	Societal Issues in Earth Science
GEOG 104	The Physical Environment
PHYS 226	Astronomy-Solar System
or PHYS 229	Astronomy-Stars and Galaxies

Biology, Major - Liberal Arts

Liberal Arts (Code 080-203)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available)

may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Thirty-six semester credits, including:

Core Courses:		
BIOL 221	Foundations of Biology I	4
BIOL 222	Foundations of Biology II	3
BIOL 223	Foundations of Biological Inquiry	2
BIOL 321	Ecology	3
BIOL 323	Genetics	3
A minimum of two upper-division lab courses selected from the following list:		
BIOL 311	General Entomology	4
BIOL 314	Human Anatomy and Physiology II	4
BIOL 317	Animal Physiology	4
BIOL 318	Plant Form and Function	4
BIOL 319	Animal Form and Function	4
BIOL 322	Plant Anatomy	4
BIOL 324	1	
BIOL 325	Plant Systematics	4
BIOL 328	Conservation Biology	4
BIOL 330	Population and Community Ecology	4
BIOL 331	Trees and Shrubs	3
BIOL 332	Field Botany	3
BIOL 333	Plant Physiology	4
BIOL 336	Terrestrial Ecology	4
BIOL 338	Vegetation Ecology	4

BIOL 339	Physiological Ecology	4
BIOL 340	Ornithology	4
BIOL 345	Invertebrate Zoology	4
BIOL 351	Systems Neuroscience Lab	2
BIOL 356	Wisconsin Wildlife	4
BIOL 361	Biology of Microorganisms	5
BIOL 362	Field Zoology	3
BIOL 365	Animal Behavior	4
BIOL 376	Aquatic Ecology	3-4
BIOL 379	Biology of Fishes	4
BIOL 380	Endocrinology	4
BIOL 386	Biology Research Methods	3
BIOL 405	Advanced Cell and Molecular Lab ¹	4
BIOL 423	Collaborative Research in Biology	3
BIOL 460	Developmental Biology	4
BIOL 470	Neurobiology	4

Additional biology courses not specifically excluded from the biology major to complete the 36 credit total in biology.

In addition to the 36 credits in biology, students who pursue the Liberal Arts Major in Biology must complete:

MATH 114	Calculus I	4
CHEM 103 & CHEM 104	General Chemistry I and General Chemistry II	8
OR		
CHEM 115	Chemical Principles	6

¹ Course in development.

Biology, Microbiology Emphasis, Comprehensive Major

Liberal Arts (Code 080-002)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23

Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
	Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal		
	Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
	One S1 must meet the University Writing Requirement (p. 49)	
	Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
	One S2 to meet the University Mathematics Requirement (p. 49)	
	Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal		
	Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
	One R1 must satisfy Design for Diversity (p. 49)	
	Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>)

One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH

112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

This emphasis differs from the Biochemistry/Molecular Biology comprehensive major in that it provides more in-depth exposure to topics in microbiology including virology, immunology, and bacteriology. It is excellent preparation for careers in health science, industry, and for graduate training in microbiology and related fields. Requires completion of the core, the required credits as listed below, and biology electives to total at least 60 credits.

Core Requirements for All Biology Majors

Ecology and Environmental Biology Emphasis (Code 080-001); Microbiology Emphasis (Code 080-002); Biology, Liberal Arts (Code 080-203); Biology, Teaching (Code 080-205).

BIOL 221	Foundations of Biology I	4
BIOL 222	Foundations of Biology II	3
BIOL 223	Foundations of Biological Inquiry	2
Total Credits		9

Core Requirements for Biology, Liberal Arts

All students who pursue a Liberal Arts Comprehensive Major in Biology are also required to complete MATH 114, and CHEM 103 and CHEM 104, or CHEM 115, in addition to the 60 credits required for the major.

Biology, Microbiology Emphasis, Comprehensive Major

Required Courses

BIOL 305	Molecular and Cell Biology	4
BIOL 323	Genetics	3
BIOL 324	1	
BIOL 361	Biology of Microorganisms	5
BIOL 402	Current Topics in Virology and Immunology	4
CHEM 325	Organic Chemistry I with Laboratory	4
CHEM 326	Organic Chemistry II with Laboratory	4
CHEM 352	Fundamentals of Biochemistry	4

Elective Courses

At least two courses from the following:

BIOL 306	Infectious Disease Ecology
BIOL 353	Biotechnology
BIOL 371	Medical Mycology
BIOL 405	Advanced Cell and Molecular Lab
BIOL 409	Molecular Genetics
ENPH 450	Epidemiology

¹ Course in development.

Biology, Minor - Teaching

Teaching (Code 080-403)

Twenty-four semester credits in Biology, including:

BIOL 180	Environmental Biology and Conservation	3
BIOL 221	Foundations of Biology I	4
BIOL 222	Foundations of Biology II	3
BIOL 223	Foundations of Biological Inquiry	2
BIOL 321	Ecology	3
BIOL 323	Genetics	3
BIOL 324	1	
BIOL 496	Student Academic Apprenticeship	1-2

¹ Course in development.

NOTE: In addition to these 24 credits, students will also have to take ES 367.

NOTE: This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Biology in Early Adolescence through Adolescence classrooms.

Chemistry

Phillips 430

715-836-3417

www.uwec.edu/chemistry (<http://www.uwec.edu/chemistry>)

The degree programs in chemistry offer the opportunity to build a useful and marketable set of technical skills while obtaining a well-rounded liberal arts education. The Chemistry Department offers several majors and interdisciplinary programs with varying degrees of specialization designed to meet the needs and interests of a broad range of students. The A.C.S. certified majors are ideal for students seeking a rigorous and focused course of study, and is well suited to those seeking employment in the chemical industry or planning graduate study in chemistry. The liberal arts majors offer broader professional options and are more flexible in terms of elective coursework. They are also appropriate for those seeking employment or planning graduate study, especially those with interests in more interdisciplinary fields of chemistry. The liberal arts major are also excellent choices for pre-medicine, pre-dentistry, and other pre-professional students. The chemistry teaching major is tailored to the needs of chemistry students interested in secondary education, and the chemistry with business emphasis major is ideal for those seeking a business career in a technical industry. Pre-pharmacy students often declare a chemistry with business emphasis major, as do other pre-professional students. Students interested in biological chemistry may also consider the interdisciplinary comprehensive major in biochemistry/molecular biology offered jointly by the Biology and Chemistry Departments.

Faculty/student collaborative research is the hallmark of the Chemistry Department. These hands-on learning opportunities are key to acquainting students with the day-to-day activities of practicing chemists, and often lead to summer employment/internship opportunities. Many students present their work at a professional meeting prior to graduation.

The Chemistry Department is accredited by the American Chemical Society and certifies the degrees of those who graduate with the comprehensive A.C.S. chemistry major, with general, biochemistry or materials science emphases.

Honor Societies and Student Organizations:

The UW-Eau Claire student affiliate chapter of the American Chemical Society (ACS-SA) is a national award-winning organization that involves students in social, professional, and service activities at the university and in the community. This group has continued since the A.C.S. incorporated ACS-SA members into its general membership as Student Members. The UW-Eau Claire ACS-SA helps inform fellow students of curricular options and career opportunities, and coordinates a tutoring program serving students in lower-level chemistry courses. All chemistry and biochemistry/molecular biology students are eligible for membership.

Departmental Honors in Chemistry

Open to students in all chemistry programs who meet the following requirements:

1. GPA of 3.50 or higher, both cumulative and in chemistry courses. Participation in a collaborative research project with a chemistry faculty member that results in:
 2. a presentation at an off-campus research conference, and
 3. completion of CHEM 497 with a favorable review of the manuscript by the research adviser and at least two additional faculty members.

Procedure: Students seeking Departmental Honors must:

1. Complete all requirements listed above.
2. Complete the Departmental Honors Application that includes: the application form with required signatures, a transcript, and copies of the CHEM 497 manuscript and presentation abstract.
3. Forward the complete application to the *Student Affairs Committee Chair* by the date specified on the form.

Note: Names of Departmental Honors graduates must be forwarded to the University Honors Program Director and Registrar at least three weeks prior to commencement.

All Chemistry Majors and Minors

No more than four credits can be counted from a combination of CHEM 405, CHEM 406 and CHEM 433 toward any chemistry major or minor.

Information for All Students about General Chemistry Placement

NOTE 1: CHEM 103 is the first course in a two-semester general chemistry sequence while CHEM 115 combines material from CHEM 103 and CHEM 104 into a single semester. Students, especially chemistry, biochemistry/molecular biology (BMB), and materials science (MSCI) majors (see Note 5), that meet the enrollment criteria described in NOTES 2 and 3 are strongly encouraged to take CHEM 115 to complete general chemistry in a single semester.

NOTE 2: High school math performance is the best predictor of success in all 100-level chemistry courses. Students who place into MATH 114 or higher should almost always take CHEM 115. Students who place into Math 109 or lower should take CHEM 103. Students who place into MATH 112 or MATH 113 should consider their chemistry background and anticipated degree program when choosing between 103 and 115. Students with a strong background (see NOTE 3) in high school chemistry, and who are planning to major (or minor) in chemistry, BMB, or MSCI should usually take CHEM 115. Students with less chemistry preparation, or who are not planning on majoring (or minoring) in chemistry, BMB, or MSCI should probably take CHEM 103.

NOTE 3: A "strong background" in high school chemistry can take several forms. Successful completion of an AP chemistry course or similarly enriched chemistry course constitutes a strong background. Successful completion of two years of high school chemistry; or one year of high school chemistry and one year of high school physics generally provides a strong background as well.

NOTE 4: Students who start CHEM 115 but, after consultation with their 115 instructor, determine that 103 is more appropriate, will be allowed to transfer to 103 during the first 2 weeks of the semester. Therefore, for close decisions between original enrollment in 103 and 115, students are encouraged to enroll in 115.

NOTE 5: Chemistry, BMB, and MSCI majors receive 6 credits toward the major for CHEM 115 or CHEM 103 and CHEM 104. Therefore, students majoring in Chemistry, BMB, or MSCI should take CHEM 115 if they meet the enrollment criteria. Students who start with CHEM 103 and CHEM 104 must often enroll in multiple, 400-level courses in the major at the same time during their senior year.

Faculty

Warren Gallagher, Chair

Scott Bailey-Hartsel

Sudeep Bhattacharyay

Michael Carney
Patricia Cleary
Bart Dahl
Jennifer Dahl
Stephen Drucker
Jason Halfen
Sanchita Hati
Fred King
David Lewis
Cheryl Muller
James Phillips
Roslyn Theisen
Kurt Wiegel
Thao Yang

Majors

- Comprehensive Major: Chemistry, A.C.S., General Emphasis - B.A./B.S. (p. 169)
- Comprehensive Major: Chemistry, A.C.S., Materials Science Emphasis - B.A./B.S. (p. 171)
- Comprehensive Major: Chemistry, A.C.S., Biochemistry Emphasis - B.A./B.S. (p. 167)
- Comprehensive Major: Chemistry, Research Emphasis, Liberal Arts - B.A./B.S. (p. 179)
- Major: Chemistry, Liberal Arts - B.A./B.S. (p. 173)
- Major: Chemistry, Teaching - B.S. (p. 175)
- Comprehensive Major: Chemistry with Business Emphasis - B.A./B.S. (p. 165)
- Comprehensive Major: Biochemistry/Molecular Biology, Liberal Arts - B.A./B.S. (Interdisciplinary Major) (p. 61)
- Comprehensive Major: Physical Science, Teaching (Interdisciplinary Major) (p. 75)

Minors

- Minor: Chemistry, Liberal Arts (p. 179)
- Minor: Chemistry, Teaching (p. 179)

Chemistry with Business Emphasis, Comprehensive Major

(Code 111-001)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average

Certificate	2.00 average
University Residency Requirements (p. 50) ³	
Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.
 Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1)		Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3)	One (1) learning experiences
Integration Goal	
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1)	Two (2) learning experiences
Service-Learning Goal	
Service-Learning (p. 49)	30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

This business emphasis major is designed to prepare students for careers in the chemical industry in the areas of sales, marketing, and technical service. It is also appropriate for pre-professional students, such as pre-pharmacy and pre-dentistry.

A minimum of 66 semester credits, including:

Chemistry Course Requirements	28
Select one of the following:	6
CHEM 115 Chemical Principles	
CHEM 103 General Chemistry I & CHEM 104 and General Chemistry II ¹	
Required:	
CHEM 213 Quantitative Analysis	4
CHEM 218 Introduction to Inorganic Chemistry	3
CHEM 274 Chemical Industry Seminar	1
CHEM 325 Organic Chemistry I with Laboratory & CHEM 326 and Organic Chemistry II with Laboratory	8
CHEM 411 Survey of Industrial Chemistry ²	3
CHEM 460 Polymer Chemistry	3
Business Course Requirements	21
ACCT 201 Principles of Accounting I	3
ECON 103 Principles of Microeconomics & ECON 104 and Principles of Macroeconomics	6
IS 240 Information Systems in Business	3
Three courses selected from the following:	9
FIN 320 Principles of Finance	
MGMT 340 Organizational Behavior	
MGMT 341 Operations Management	
MGMT 345 Managing Global Organizations	
MGMT 446 Advanced Organizational Behavior	
MKTG 330 Principles of Marketing	
MKTG 336 Business Logistics Management	
MKTG 337 Professional Selling	
MKTG 433 Sales Management	
MKTG 437 Business-to-Business Marketing	
Communications Course Requirements	
One course selected from the following:	2-3
BCOM 206 Business Writing ³	
BCOM 207 Business Presentations ⁴	
ENGL 312 Topics in Rhetoric and Science	

ENGL 313 Topics in Rhetoric and Technology	
Other Requirements (minimum)	15
MATH 246 Elementary Statistics	4
Select one of the following:	2-4
MATH 111 A Short Course in Calculus	
MATH 112 Precalculus Mathematics	
MATH 113 Trigonometry	
MATH 114 Calculus I	
Select one of the following:	9-10
PHYS 211 General Physics & PHYS 212 and General Physics	
PHYS 231 University Physics I & PHYS 232 and University Physics II	

- 1 Only six of the eight course credits from CHEM 103 and CHEM 104 count toward the major.
- 2 The capstone experience is met by CHEM 411.
- 3 Students who earn less than a B- in BCOM 206 must complete BCOM 216.
- 4 Students who earn less than a B- in BCOM 207 must complete BCOM 307.

NOTE: Students majoring in chemistry with business emphasis must meet College of Business admission standards before they may register for upper-division (300- to 400-level) courses offered by the College of Business. (See the section of the catalog titled Admission to the College of Business. (p.))

Chemistry, A.C.S., Biochemistry Emphasis, Comprehensive Major

(Code 100-009)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences

Service-Learning Goal
Service-Learning (p. 49) 30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the

MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

The biochemistry emphasis major is good preparation for students planning graduate study in biochemistry, biophysics or medicinal chemistry. In addition, this emphasis provides an exceptionally rigorous pre-medical or pre-pharmacy program with suitable biology electives.

Core Requirements for A.C.S., Liberal Arts and Teaching Chemistry Majors

A minimum of sixty-one semester credits, including:

Chemistry Core		
Select one of the following: ¹		
CHEM 115	Chemical Principles	6
CHEM 103	General Chemistry I & CHEM 104 and General Chemistry II	
Required:		
CHEM 213	Quantitative Analysis	4
CHEM 218	Introduction to Inorganic Chemistry	3
CHEM 325	Organic Chemistry I with Laboratory	4
CHEM 326	Organic Chemistry II with Laboratory	4
Additional Required Courses		
PHYS 231 & PHYS 232	University Physics I and University Physics II	10
MATH 114 & MATH 215	Calculus I and Calculus II	8
Total Credits		39

¹ Only six credits of the CHEM 103/CHEM 104 sequence are credited to the major.

Capstone Experience for Chemistry Majors

The capstone experience is met by completing CHEM 411 for chemistry with business emphasis majors, and by CHEM 420, CHEM 438, CHEM 453 or CHEM 497 for other chemistry majors.

Comprehensive Major: Chemistry, A.C.S., Biochemistry Emphasis

Requirements

In addition to the chemistry core and required mathematics/physics courses, students must complete the following course work:

CHEM 433	Physical Chemistry I	4
CHEM 452 & CHEM 453 & CHEM 454	Biochemistry I and Biochemistry Laboratory and Biochemistry II	8
CHEM 420 & CHEM 438	Advanced Synthesis Laboratory and Physical Analysis Laboratory	4
CHEM 318 or CHEM 361	Bioinorganic Chemistry or Molecules and Medicine	3
Elective(s)		
Select a minimum of 3 credits:		
CHEM 304	Environmental Chemistry	
CHEM 318	Bioinorganic Chemistry	
CHEM 361	Molecules and Medicine	

CHEM 397	Chemical Literature and Communication
CHEM 399	Independent Study - Juniors
CHEM 401	Inorganic Chemistry
CHEM 411	Survey of Industrial Chemistry
CHEM 426	Modern Organic Chemistry
CHEM 442	Instrumental Analysis
CHEM 444	Modern Applied Separations and Spectrometry
CHEM 460	Polymer Chemistry
CHEM 491	Special Topics
CHEM 495	Directed Studies
CHEM 497	Independent Study (ACS)
CHEM 499	Independent Study - Seniors

Total Credits **22**

Chemistry, A.C.S., General Emphasis, Comprehensive Major

(Code 100-007)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency

as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

The general emphasis major is ideal for students seeking immediate employment in chemically related fields or who are uncertain about postgraduate work.

Core Requirements for A.C.S., Liberal Arts and Teaching Chemistry Majors

A minimum of 61 semester credits, including:

Chemistry Core

Select one of the following: ¹ 6

CHEM 115 Chemical Principles

CHEM 103 General Chemistry I
& CHEM 104 and General Chemistry II

Required:

CHEM 213 Quantitative Analysis 4

CHEM 218 Introduction to Inorganic Chemistry 3

CHEM 325 Organic Chemistry I with Laboratory 4

CHEM 326 Organic Chemistry II with Laboratory 4

Additional Required Courses

PHYS 231 University Physics I 10
& PHYS 232 and University Physics II

MATH 114 Calculus I 8
& MATH 215 and Calculus II

Total Credits 39

¹ Only six credits of the CHEM 103/CHEM 104 sequence are credited to the major.

Capstone Experience for Chemistry Majors

The capstone experience is met by completing CHEM 411 for chemistry with business emphasis majors, and by CHEM 420, CHEM 438, CHEM 453 or CHEM 497 for other chemistry majors.

Comprehensive Major: Chemistry, A.C.S., General Emphasis

Requirements

In addition to the chemistry core and required mathematics/physics courses, students must complete the following course work:

CHEM 352 Fundamentals of Biochemistry 4

CHEM 433 Physical Chemistry I 4

CHEM 434 Physical Chemistry II 4

CHEM 444 Modern Applied Separations and Spectrometry 3

Two of the following: 4

CHEM 420 Advanced Synthesis Laboratory

CHEM 438 Physical Analysis Laboratory

CHEM 453 Biochemistry Laboratory

Elective(s)

Select a minimum of 3 credits from the following: 3

CHEM 304 Environmental Chemistry

CHEM 318 Bioinorganic Chemistry

CHEM 361 Molecules and Medicine

CHEM 397 Chemical Literature and Communication

CHEM 399 Independent Study - Juniors

CHEM 401 Inorganic Chemistry

CHEM 411 Survey of Industrial Chemistry

CHEM 426 Modern Organic Chemistry

CHEM 442 Instrumental Analysis

CHEM 460 Polymer Chemistry

CHEM 491 Special Topics

CHEM 495 Directed Studies

CHEM 497 Independent Study (ACS)

CHEM 499 Independent Study - Seniors

Total Credits 22

Chemistry, A.C.S., Materials Science Emphasis, Comprehensive Major

(Code 100-008)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		
Apply for graduation on CampS.		

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major

department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Chemistry students with an interest in the rapidly growing field of materials science can obtain a basic materials background with a strong foundation in chemistry. This is especially useful for students interested in graduate work or employment in materials or polymer chemistry.

Core Requirements for A.C.S., Liberal Arts and Teaching Chemistry Majors

A minimum of 64 semester credits, including:

Chemistry Core

Select one of the following:¹

CHEM 115 Chemical Principles

CHEM 103 General Chemistry I & CHEM 104 and General Chemistry II

Required:

CHEM 213	Quantitative Analysis	4
CHEM 218	Introduction to Inorganic Chemistry	3
CHEM 325	Organic Chemistry I with Laboratory	4
CHEM 326	Organic Chemistry II with Laboratory	4

Additional Required Courses

PHYS 231	University Physics I	10
& PHYS 232	and University Physics II	
MATH 114	Calculus I	8
& MATH 215	and Calculus II	

Total Credits 39

¹ Only six credits of the CHEM 103/CHEM 104 sequence are credited to the major.

Capstone Experience for Chemistry Majors

The capstone experience is met by completing CHEM 411 for chemistry with business emphasis majors, and by CHEM 420, CHEM 438, CHEM 453 or CHEM 497 for other chemistry majors.

Comprehensive Major: Chemistry, A.C.S., Materials Science Emphasis

Requirements

In addition to the chemistry core and required mathematics/physics courses, students must complete the following course work:

CHEM 352	Fundamentals of Biochemistry	4
CHEM 433	Physical Chemistry I	8
& CHEM 434	and Physical Chemistry II	
MSE 221	Living in a Materials World	3
MSE 256	Introduction to Computer Aided Design	1
MSE 315	Materials Characterization	4
CHEM 420	Advanced Synthesis Laboratory	2
MSCI 484	Materials Science Capstone I	1
MSCI 485	Materials Science Capstone II	2

Total Credits 25**Chemistry, Major - Liberal Arts****Liberal Arts (Code 100-201)****University Requirements**

Code	Title	Credits
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GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**Credit Requirements**

Minimum total for graduation ¹	120
Upper division credits (courses numbered 300 and higher)	39
Liberal Education Core (p. 46)	36
Academic Concentrations (p. 50)	

Grade Point Requirements (p. 49) ²

Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50) ³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
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LIBERAL EDUCATION CORE REQUIREMENTS	a minimum of 36 credits
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Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
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One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
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One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available)

may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

This major is ideal for pre-medical or pre-pharmacy students or others requiring a minor or cluster of courses outside of chemistry.

Core Requirements for A.C.S., Liberal Arts and Teaching Chemistry Majors

A minimum of 55 semester credits, including:

Chemistry Core

Select one of the following:¹ 6

CHEM 115 Chemical Principles

CHEM 103 General Chemistry I & CHEM 104 and General Chemistry II

Required:

CHEM 213 Quantitative Analysis 4

CHEM 218 Introduction to Inorganic Chemistry 3

CHEM 325 Organic Chemistry I with Laboratory 4

CHEM 326 Organic Chemistry II with Laboratory 4

Additional Required Courses

PHYS 231 University Physics I 10
& PHYS 232 and University Physics II

MATH 114 Calculus I 8
& MATH 215 and Calculus II

Total Credits 39

¹ Only six credits of the CHEM 103/CHEM 104 sequence are credited to the major.

Capstone Experience for Chemistry Majors

The capstone experience is met by completing CHEM 411 for chemistry with business emphasis majors, and by CHEM 420, CHEM 438, CHEM 453 or CHEM 497 for other chemistry majors.

Chemistry, Major - Liberal Arts

Requirements

In addition to the chemistry core and required mathematics/physics courses, students must complete the following course work:

CHEM 433	Physical Chemistry I	8
& CHEM 434	and Physical Chemistry II	

One of the following:		2
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CHEM 420	Advanced Synthesis Laboratory
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CHEM 438	Physical Analysis Laboratory
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CHEM 453	Biochemistry Laboratory
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Electives

Select 6 credits of the following:		6
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CHEM 304	Environmental Chemistry
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CHEM 318	Bioinorganic Chemistry
----------	------------------------

CHEM 352	Fundamentals of Biochemistry
----------	------------------------------

CHEM 361	Molecules and Medicine
----------	------------------------

CHEM 397	Chemical Literature and Communication
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CHEM 399	Independent Study - Juniors
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CHEM 401	Inorganic Chemistry
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CHEM 411	Survey of Industrial Chemistry
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CHEM 426	Modern Organic Chemistry
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CHEM 442	Instrumental Analysis
----------	-----------------------

CHEM 444	Modern Applied Separations and Spectrometry
----------	---

CHEM 460	Polymer Chemistry
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CHEM 491	Special Topics
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CHEM 495	Directed Studies
----------	------------------

CHEM 497	Independent Study (ACS)
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CHEM 499	Independent Study - Seniors
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Total Credits		16
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Chemistry, Major - Teaching

Teaching (Code 100-204)

University Requirements

Code	Title	Credits
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GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation ¹		120
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Upper division credits (courses numbered 300 and higher)		39
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Liberal Education Core (p. 46)		36
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Academic Concentrations (p. 50)		
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Grade Point Requirements (p. 49) ²

Total		2.00 average
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Resident		2.00 average
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Major		2.00 average
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Minor		2.00 average
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Certificate		2.00 average
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University Residency Requirements (p. 50) ³

Minimum total		30
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Senior year		23
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Major, Standard, upper division in residence		12
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Major, Comprehensive, upper division in residence		21
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Certificate		25 percent of credits
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Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
--	--	------------------------------

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
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One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
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Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
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Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
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One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
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One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
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Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>)

Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>)

One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>)

One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		

PSYC 260 Educational Psychology 3
AND another learning experience

K3 (Humanities)

One literature course AND another learning experience

K4 (Fine Arts)

One fine arts course

S1 (Written and Oral Communication)

At least one writing course from the following:

WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing
WRIT 116	Blugold Seminar in Critical Reading and Writing
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students

AND at least one oral communication course from the following:

CJ 201	Introduction to Interpersonal Communication
CJ 202	Fundamentals of Speech
CJ 203	Fundamentals of Human Communication

S2 (Mathematics)

LE approved math course

S3 (Creativity)

ES 497 Field Experience Seminar (included in major) 2

R1 (Equity, Diversity, Inclusivity)

ES 385 Social Foundations: Human Relations (included in major) 3

AND another learning experience

R2 (Global Perspectives)

One LE approved course

R3 (Civic and Environmental Issues)

One LE approved course

IL (Integration)

ES 497 Field Experience Seminar (included in major) 2

AND another learning experience

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EA-A Licensure

Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved

majors and minors listed in the table below. The approved majors and minors lead to additional certification.

- a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option B: EA-A

Early Adolescence through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
Prescribed special methods course(s) (see approved majors and minors below)		
ES 445 & ES 470	Student Teaching in Middle Level Education and Student Teaching in Secondary Education	14
or ES 446	Internship Teaching in Middle Level Education	
or ES 475	Internship Teaching in Secondary Education	
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2

NOTE: Although majors must be from the approved list below, the second plan may be from the approved list. Students pursuing EA-A licensure are not required to elect a second plan that leads to a teaching license.

Approved Majors and Minors for Option B

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II Content Test Required
English	540-006	ENGL 319, ENGL 419		ETS 5038
Earth and Space Science	160-015 ¹	ES 359 (F)		ETS 5435
Mathematics	180-002	ES 357		ETS 5061
Physical Science ¹	240-004	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Physics-Mathematics ¹				ETS 5161 and ETS 5435 (regardless of emphasis)
Physics Emphasis	210-003	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Mathematics Emphasis	210-004	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	

Social Studies	500-XXX	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
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Majors	Code	Prescribed Methods Course	Additional Requirements	Praxis II Content Test Required
Biology ¹	080-205	ES 367 (Sp)	BIOL 180 or GEOG 178	ETS 5435
Chemistry ¹	100-204	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Economics	360-204	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
English	540-210	ENGL 319, ENGL 419		ETS 5038
Geography	140-213	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
History	380-206	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Mathematics	180-207	ES 357		ETS 5161
Physics ¹	230-205	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-203	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
Biology	080-403	ES 367 (SP)	BIOL 180 or GEOG 178	ETS 5435
Chemistry	100-406	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Coaching	971-403	KINS 492		no addt'l exam
Economics	360-404	ES 356	BIOL 180 or GEOG 178	ETS 5081
English	540-408	ENGL 319, ENGL 419		ETS 5038
French	260-404	ES 366 (F) in language	Study abroad	WPT and OPI or OPIc
Geography	140-413	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Geology	160-402	ES 359 (F)		
German	280-404	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
History	380-404	ES 356 (SP)	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Learning Disabilities	950-471			ETS 5146
Library Science	960-403		EC-A licensure	no addt'l exam for this minor
Mathematics	180-407	ES 357		ETS 5161

Physics	230-403	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-403	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Sociology	480-404	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Spanish	320-405	ES 366 (F)	Study abroad in language	WPT and OPI or OPIC
Teaching English to Speakers of Other Languages (TESOL)	550-408	ES 405 (F)	1 yr college level foreign language	ETS 0361
Theatre Arts	601-424	ES 361 (F)		ETS 0641

¹ Broadfield Science add-on certification is available with these majors and requires ES 359 (fall only) and ES 367 (spring only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

The teaching chemistry major is tailored to the needs of chemistry students interested in secondary education.

A minimum of 54 semester credits, including:

Core Requirements for A.C.S., Liberal Arts and Teaching Chemistry Majors

Chemistry Core

Select one of the following: ¹	6
CHEM 115 Chemical Principles	
OR	
CHEM 103 General Chemistry I & CHEM 104 and General Chemistry II	
CHEM 213 Quantitative Analysis	4
CHEM 218 Introduction to Inorganic Chemistry	3
CHEM 325 Organic Chemistry I with Laboratory	4
CHEM 326 Organic Chemistry II with Laboratory	4
Additional Required Courses	
PHYS 231 University Physics I	5
PHYS 232 University Physics II	5
MATH 114 Calculus I	4
MATH 215 Calculus II	4
Total Credits	39

¹ Only six credits of the CHEM 103/CHEM 104 sequence are credited to the major.

Capstone Experience for Chemistry Majors

The capstone experience is met by completing by CHEM 411 for chemistry with business emphasis majors, and by CHEM 420, CHEM 438, CHEM 453 or CHEM 497 for other chemistry majors.

Chemistry, Major - Teaching

Requirements

In addition to the chemistry core and required mathematics/physics courses, students must complete the following course work:

CHEM 433 & CHEM 434	Physical Chemistry I and Physical Chemistry II	8
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One of the following: 2

CHEM 420	Advanced Synthesis Laboratory
CHEM 438	Physical Analysis Laboratory
CHEM 453	Biochemistry Laboratory

Electives

Select 5 credits of the following: 5

CHEM 304	Environmental Chemistry
CHEM 318	Bioinorganic Chemistry
CHEM 352	Fundamentals of Biochemistry
CHEM 361	Molecules and Medicine
CHEM 397	Chemical Literature and Communication
CHEM 399	Independent Study - Juniors
CHEM 401	Inorganic Chemistry
CHEM 411	Survey of Industrial Chemistry
CHEM 420	Advanced Synthesis Laboratory
CHEM 426	Modern Organic Chemistry
CHEM 438	Physical Analysis Laboratory
CHEM 442	Instrumental Analysis
CHEM 444	Modern Applied Separations and Spectrometry
CHEM 453	Biochemistry Laboratory
CHEM 460	Polymer Chemistry
CHEM 491	Special Topics
CHEM 495	Directed Studies
CHEM 497	Independent Study (ACS)
CHEM 499	Independent Study - Seniors

Total Credits 15

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Chemistry in Early Adolescence through Adolescence classrooms. A minor in biology, mathematics, or physics is recommended.

Broadfield Science licensure

NOTE: Completion of the following requirements and ES 367 may be used in lieu of a minor and adds Broadfield Science licensure to the Teaching major:

A) At least 14 credits from one of the following areas: 14

Option 1	
BIOL 214	Human Anatomy and Physiology I
BIOL 221	Foundations of Biology I
BIOL 222	Foundations of Biology II
BIOL 223	Foundations of Biological Inquiry
BIOL 314	Human Anatomy and Physiology II

Option 2

Select one of the following:

PHYS 211 General Physics
& PHYS 212 and General Physics

PHYS 231 University Physics I
& PHYS 232 and University Physics II

additional credits above 212

Option 3

One of:

GEOL 106 Earth Science

GEOL 110 Physical Geology

GEOL 115 Environmental Geology

GEOL 118 Societal Issues in Earth Science

Select one of the following:

GEOG 104 The Physical Environment

GEOG 340 Climatology

GEOG 361 Environmental Hazards

Required:

PHYS 226 Astronomy-Solar System

additional courses from the following:

GEOL 102 Oceanography

GEOL 301 Earth Resources

GEOL 303 Rocky Mountain Field Studies

GEOL 308 Water Resources

PHYS 229 Astronomy-Stars and Galaxies

GEOG 200 Foundations of Geography

GEOG 304 Introduction to Geomorphology

GEOG 340 Climatology

GEOG 361 Environmental Hazards

B) Eight credits in each of the two areas not selected in A above. 8

Option 1

BIOL 105 General Biology

BIOL 151 Biology of Humans

Option 2

Select one of the following:

PHYS 211 General Physics
& PHYS 212 and General Physics

PHYS 231 University Physics I
& PHYS 232 and University Physics II

Option 3

Select one of the following:

GEOL 106 Earth Science

GEOL 110 Physical Geology

GEOL 115 Environmental Geology

GEOL 118 Societal Issues in Earth Science

GEOG 104 The Physical Environment

Required:

PHYS 226 Astronomy-Solar System

or PHYS 229 Astronomy-Stars and Galaxies

Chemistry, Minor - Teaching

Teaching (Code 100-406)

Requirements:

A minimum of 24 semester credits from Chemistry, including:

CHEM 115 Chemical Principles

OR

CHEM 103 General Chemistry I
& CHEM 104 and General Chemistry II

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Chemistry in Early Adolescence through Adolescence classrooms. Candidates for the teaching minor must complete at least nine credits of upper-division (300- to 400-level) courses.

Chemistry, Minor - Liberal Arts

Liberal Arts (Code 100-405)

A minimum of 24 semester credits, including:

Select one of the following: 6-8

CHEM 115 Chemical Principles

OR

CHEM 103 General Chemistry I
& CHEM 104 and General Chemistry II

Select remaining credits from the following:

CHEM 213 Quantitative Analysis

CHEM 218 Introduction to Inorganic Chemistry

CHEM 304 Environmental Chemistry

CHEM 318 Bioinorganic Chemistry

CHEM 325 Organic Chemistry I with Laboratory

CHEM 326 Organic Chemistry II with Laboratory

CHEM 352 Fundamentals of Biochemistry

CHEM 405 Applied Physical Chemistry

CHEM 411 Survey of Industrial Chemistry

CHEM 426 Modern Organic Chemistry

CHEM 433 Physical Chemistry I

CHEM 434 Physical Chemistry II

CHEM 452 Biochemistry I

CHEM 454 Biochemistry II

Other advanced courses may be approved by petition.

Chemistry, Research Emphasis, Comprehensive Major

Liberal Arts (Code 100-010)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		

Minimum total for graduation ¹	120
Upper division credits (courses numbered 300 and higher)	39
Liberal Education Core (p. 46)	36
Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²	
Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average
University Residency Requirements (p. 50) ³	
Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits
Procedures Required for Graduation	
Obtain admission to the degree program and/or the College offering it.	
Apply for graduation on CampS.	

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3)	One (1) learning experiences
Responsibility Goal	
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3)	One (1) learning experiences
Integration Goal	
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1)	Two (2) learning experiences
Service-Learning Goal	
Service-Learning (p. 49)	30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and

minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

For students interested in a career as a professional research scientist, this emphasis provides the flexibility to begin advanced study and research as an undergraduate.

Core Requirements for A.C.S., Liberal Arts and Teaching Chemistry Majors

A minimum of 61 semester credits, including:

Chemistry Core

Select one of the following:¹ 6

- CHEM 115 Chemical Principles
- CHEM 103 General Chemistry I & CHEM 104 and General Chemistry II

Required:

CHEM 213	Quantitative Analysis	4
CHEM 218	Introduction to Inorganic Chemistry	3
CHEM 325	Organic Chemistry I with Laboratory	4
CHEM 326	Organic Chemistry II with Laboratory	4

Additional Required Courses

PHYS 231 & PHYS 232	University Physics I and University Physics II	10
MATH 114 & MATH 215	Calculus I and Calculus II	8

Total Credits 39

¹ Only six credits of the CHEM 103/CHEM 104 sequence are credited to the major.

Capstone Experience for Chemistry Majors

The capstone experience is met by completing CHEM 411 for chemistry with business emphasis majors, and by CHEM 420, CHEM 438, CHEM 453 or CHEM 497 for other chemistry majors.

Chemistry, Research Emphasis, Comprehensive Major Requirements

In addition to the chemistry core and required mathematics/physics courses, students must complete the following course work:

CHEM 352	Fundamentals of Biochemistry	4
CHEM 433 & CHEM 434	Physical Chemistry I and Physical Chemistry II	8
CHEM 397	Chemical Literature and Communication	2
CHEM 497	Independent Study (ACS)	2
One of the following:		2

- CHEM 420 Advanced Synthesis Laboratory
- CHEM 438 Physical Analysis Laboratory
- CHEM 453 Biochemistry Laboratory

Electives

Select at least 4 credits from the following: 4

- CHEM 304 Environmental Chemistry
- CHEM 318 Bioinorganic Chemistry
- CHEM 361 Molecules and Medicine
- CHEM 399 Independent Study - Juniors
- CHEM 401 Inorganic Chemistry
- CHEM 411 Survey of Industrial Chemistry
- CHEM 426 Modern Organic Chemistry
- CHEM 442 Instrumental Analysis
- CHEM 444 Modern Applied Separations and Spectrometry
- CHEM 460 Polymer Chemistry
- CHEM 491 Special Topics
- CHEM 495 Directed Studies
- CHEM 497 Independent Study (ACS)
- CHEM 499 Independent Study - Seniors

Total Credits 22

Communication and Journalism

Hibbard Humanities Hall 152

715-836-2528

www.uwec.edu/cj (<http://www.uwec.edu/cj>)

The Department of Communication and Journalism faculty are committed to a philosophy emphasizing the development, integration, and practical application of theories, knowledge, and skills related to communication and journalism. Communication and journalism are crucial to a democratic society. Both require citizens to share and challenge information.

Departmental Goals

To prepare students for responsible roles in communication and journalism, the department offers diversified curricula in which all students can expect to develop in these areas:

1. awareness and knowledge of communication processes in diverse cultural, social, legal, and ethical contexts;
2. critical and analytical thinking;
3. research and information-gathering skills; and
4. oral, written, and visual communication skills.

Areas of Emphasis

The department offers majors and minors in Communication, Journalism, and Integrated Strategic Communication with the following options for areas of emphasis:

- **Communication majors/minors:**
Communication: Communication Studies
Communication: Organizational Communication
- **Integrated Strategic Communication majors:**
Integrated Strategic Communication: Advertising
Integrated Strategic Communication: Public Relations
- **Integrated Strategic Communication minor**
- **Journalism major and minor**

Information for Majors

No student may have both a major and a minor or a major and a certificate from the Department of Communication and Journalism. No major or minor credit may be earned under the Satisfactory/Unsatisfactory option.

Students majoring in Communication, Journalism, and Integrated Strategic Communication may not include CJ courses in a topical minor without prior, written approval of the department chair.

Most upper division courses (numbered 300 and above) required in major and minor programs are available only to students who have completed prerequisite courses with grades of C or above.

Students who choose a major in Integrated Strategic Communication or Journalism must meet curriculum accreditation standards set by the Accrediting Council on Education in Journalism and Mass Communications (ACEJMC).

Accreditation standards require that students complete 72 credits of coursework outside of their major, and complete the university liberal education core requirements.

Advising Information

Students who declare a major in the Department of Communication and Journalism as juniors or seniors should not expect to finish the courses required

for that major in fewer than four semesters. When completing the paperwork to declare this major, it is particularly important for students to work out the course sequencing necessary to finish in a timely manner.

Communication and Journalism departmental policy specifies that any student who is absent from the first day of class without prior approval of the course instructor may be dropped from the class in order to make room for other students.

Extra-Curricular Opportunities

Communication, Journalism, and Integrated Strategic Communication majors and minors are urged to obtain practical experience from work with campus media and/or professional organizations.

Students may apply for opportunities to work for the award-winning student newspaper, *The Spectator*, or become a member of the nationally-ranked forensics squad. American Advertising Federation, Communication and Journalism Organization, Public Relations Student Society of America, Society of Professional Journalists and WUEC-FM also offer professional development, experience, and leadership opportunities for students.

For more information about the Communication and Journalism Department, its programs, and its faculty, visit the Department's homepage at www.uwec.edu/cj (<http://www.uwec.edu/cj>).

Faculty

Jan Larson, Chair

Janet Driever
Martha Fay
Peter Hart-Brinson
Mary Hoffman
Won Yong Jang
Jack Kapfer
Kristine Knutson
Ellen Mahaffy
Karen Morris
Maureen Schriener
Nicole Schultz
David Tschida
Ganga Vadhavkar
Kelly Jo Wright

Majors

- Major: Communication, Communications Studies Emphasis, Liberal Arts - B.A./B.S. (p. 183)
- Major: Communication, Organizational Communication Emphasis, Liberal Arts - B.A./B.S. (p. 185)
- Major: Journalism, Liberal Arts - B.A./B.S. (p. 190)
- Major: Integrated Strategic Communication, Advertising Emphasis, Liberal Arts - B.A./B.S. (p. 187)
- Major: Integrated Strategic Communication, Public Relations Emphasis, Liberal Arts - B.A./B.S. (p. 189)

Minors

- Minor: Communication, Communication Studies, Liberal Arts (p. 184)
- Minor: Communication, Organizational Communication, Liberal Arts (p. 186)
- Minor: Journalism, Liberal Arts (p. 192)
- Minor: Integrated Strategic Communication, Liberal Arts (p. 188)

Certificates

- Certificate: Organizational Communication (p. 192)
- Certificate: Integrated Strategic Communication (p. 188)
- Certificate: Social Advocacy and Change (p. 192)

Communication, Communication Studies Emphasis, Major

Liberal Arts (Code 583-201)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
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Service-Learning Goal

Service-Learning (p. 49)	30 hours
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College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24

credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

This emphasis teaches students to analyze and enhance human communication through courses in theory, research and practice. After completing a common core of courses, majors in this emphasis select a variety of electives including courses focused on how communication builds and maintains relationships and how messages in political and popular culture influence society.

Thirty-six semester credits, including:

Communication Studies Core (18 credits)		
CJ 201	Introduction to Interpersonal Communication	3
CJ 202	Fundamentals of Speech	3
CJ 206	Human Communication Theory	3
CJ 207	Introduction to Rhetoric and Society	3
CJ 300	Research Methods	3
CJ 459	Communication Research Seminar	3
Communication Studies Electives (12 credits, at least 9 must be at the 300-level or higher):		12

CJ 205	Listening
CJ 250	Introduction to Organizational Communication
CJ 301	Intercultural Communication
CJ 306	Topics in Advanced Interpersonal Communication
CJ 307	Small Group Communication
CJ 312	Communication and Gender
CJ 314	Mass Media and Popular Culture
CJ/WMNS 317	Diversity & Communication: Organizational & Media Contexts
CJ 318	Topics in Communication and Social Advocacy
CJ 357	Professional Communication
CJ 406	Persuasion
CJ 407	Leadership Communication
CJ 498	Internship

General Communication and Journalism Electives: (6 credits from any course with a CJ prefix with the exception of CJ 203 which may not be used as credit toward a communication studies major. Students may choose courses from the list of communication studies electives above but no course may be used twice in the major.)

Communication, Communication Studies, Minor

Liberal Arts (Code 583-401)

Twenty-four semester credits, including:

Communication Studies Core: 6 credits		
CJ 105	Communication in Contemporary Society	3
CJ 202	Fundamentals of Speech	3
or CJ 203	Fundamentals of Human Communication	
Communication Studies Electives (12 credits, at least 9 of which must be at the 300-level or higher):		12
CJ 201	Introduction to Interpersonal Communication	
CJ 205	Listening	
CJ 206	Human Communication Theory	
CJ 207	Introduction to Rhetoric and Society	
CJ 250	Introduction to Organizational Communication	
CJ 301	Intercultural Communication	
CJ 306	Topics in Advanced Interpersonal Communication	
CJ 307	Small Group Communication	
CJ 312	Communication and Gender	
CJ 314	Mass Media and Popular Culture	
CJ/WMNS 317	Diversity & Communication: Organizational & Media Contexts	
CJ 318	Topics in Communication and Social Advocacy	
CJ 357	Professional Communication	

CJ 406	Persuasion	
CJ 407	Leadership Communication	
CJ 495	Directed Studies	
General Communication and Journalism Electives: (6 credits from any course with a CJ prefix with the exception of CJ 202 and CJ 203; students may choose courses from the list of communication studies electives above but a course may be used in only one requirement category.)		6
Total Credits		24

Communication, Organizational Communication Emphasis, Major

Liberal Arts (Code 583-250)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		
Apply for graduation on CampS.		

¹ Certain programs exceed this minimum.
² See special requirements in each College.
³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major

department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

This emphasis assists students in the development of professional, group, and interpersonal communication skills that enable them to enhance the communities, organizations, and societies in which they live and work. Students learn to analyze, develop, and deliver messages to a variety of stakeholders.

Thirty-six semester credits, including:

Core: 21 credits

CJ 202	Fundamentals of Speech	3
or CJ 203	Fundamentals of Human Communication	
CJ 250	Introduction to Organizational Communication	3
CJ 300	Research Methods	3
CJ 307	Small Group Communication	3

CJ 355	Advanced Organizational Communication: Strategic Message Design	3
CJ 357	Professional Communication	3
CJ 459	Communication Research Seminar	3
Organizational Communication Electives - 9 credits from the following:		9
CJ 201	Introduction to Interpersonal Communication	
CJ 301	Intercultural Communication	
CJ/WMNS 317	Diversity & Communication: Organizational & Media Contexts	
CJ 350	Human Resource Development	
CJ 351	Strategic Event Planning	
CJ 407	Leadership Communication	
CJ 452	Health Communication	
CJ 498	Internship	
CJ Electives: six credits (neither CJ 202 nor CJ 203 may be used as elective credits)		6
Total Credits		36

Communication, Organizational Communication Emphasis, Minor

Liberal Arts (Code 583-450)

Twenty-four semester credits, including:

CJ 202	Fundamentals of Speech	3
or CJ 203	Fundamentals of Human Communication	
CJ 250	Introduction to Organizational Communication	3
CJ 300	Research Methods	3
CJ 355	Advanced Organizational Communication: Strategic Message Design	3
CJ 357	Professional Communication	3
Select nine credits from the following:		9
CJ 184	Multimedia Communication	
CJ 201	Introduction to Interpersonal Communication	
CJ 301	Intercultural Communication	
CJ 307	Small Group Communication	
CJ/WMNS 317	Diversity & Communication: Organizational & Media Contexts	
CJ 350	Human Resource Development	
CJ 351	Strategic Event Planning	
CJ 406	Persuasion	
CJ 407	Leadership Communication	
CJ 452	Health Communication	
Total Credits		24

Integrated Strategic Communication, Advertising Emphasis, Major

Liberal Arts (Code 585-201)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
	Obtain admission to the degree program and/or the College offering it.	
	Apply for graduation on CampS.	

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>)

Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>)

Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>)

One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>)

Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>)

One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>)

One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>)

Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>)

One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>)

One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Understanding the objectives, message concepts, and strategies which underlie advertising is the goal of this sequence. Students are prepared to conduct research, establish goals, create messages, and implement plans.

Advertising majors must complete 36 credits that include:

CJ 184	Multimedia Communication	3
CJ 202	Fundamentals of Speech	3
or CJ 203	Fundamentals of Human Communication	
CJ 260	Introduction to Integrated Strategic Communication	3
CJ 300	Research Methods	3
CJ 362	Strategic Media Planning	3
CJ 413	Media Law and Ethics	3
CJ 464	Advertising in Contemporary Society	3
CJ 479	Integrated Strategic Communication Management	3

Select one of the following courses:

CJ 374	Integrated Strategic Communication (ISC) Campaign Design and Evaluation	
CJ 380	Visual Communication Design	
CJ 460	Advertising Account Management	

CJ electives : nine credits (neither CJ 202 nor CJ 203 may be used as elective credits) 9

Integrated Strategic Communication, Certificate

(Code 585-601)

The **Certificate in Integrated Strategic Communication** is designed to teach students in a wide variety of non-communication fields to effectively communicate in an message-intensive world. Specially, they will learn how to promote their skills to the public at large and help the public build a better understanding of their chosen field and issues important to that field. The certificate will provide students with the skills and knowledge needed to identify and analyze target audiences and create messages designed for those audiences.

Fifteen semester credits, including:

Required Courses		
CJ 184	Multimedia Communication	3
CJ 260	Introduction to Integrated Strategic Communication	3
CJ 300	Research Methods	3
or one of the following courses:		
POLS 290	Introduction to Political Analysis	
PSYC 271	Methods of Research in Psychology	
SOC 332	Sociological Research Methods	
MKTG 334	Marketing Research	
Select two of the following courses:		
CJ 373	Writing for Public Relations	3
CJ 374	Integrated Strategic Communication (ISC) Campaign Design and Evaluation	3
CJ 362	Strategic Media Planning	3

Note: Students majoring in any program in Communication and Journalism may not use this certificate to satisfy the graduation requirement of a second program.

Integrated Strategic Communication, Liberal Arts, Minor

Liberal Arts (Code 585-403)

Twenty-four semester credits, including:

CJ 184	Multimedia Communication	3
CJ 260	Introduction to Integrated Strategic Communication	3
CJ 300	Research Methods	3
CJ 362	Strategic Media Planning	3
CJ 373	Writing for Public Relations	3
CJ 413	Media Law and Ethics	3
CJ electives: six credits (only one of CJ 202 or CJ 203 may count toward elective credits in the minor)		

Total Credits 24

Integrated Strategic Communication, Public Relations Emphasis, Major

Liberal Arts (Code 585-202)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
	Obtain admission to the degree program and/or the College offering it.	
	Apply for graduation on CampS.	

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>)

Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>)

Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>)

One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>)

Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>)

One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>)

One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>)

Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>)

One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>)

One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

The goal of this emphasis is to understand objectives and strategies that shape the information delivered to publics. Students are prepared to analyze, design, and manage public relations messages.

Thirty-six credits that include:

CJ 184	Multimedia Communication	3
CJ 202	Fundamentals of Speech	3
or CJ 203	Fundamentals of Human Communication	
CJ 260	Introduction to Integrated Strategic Communication	3
CJ 300	Research Methods	3
CJ 373	Writing for Public Relations	3
CJ 374	Integrated Strategic Communication (ISC) Campaign Design and Evaluation	3
CJ 413	Media Law and Ethics	3
CJ 479	Integrated Strategic Communication Management	3

Select one of the following courses:

CJ 272	¹	
CJ 362	Strategic Media Planning	
CJ 380	Visual Communication Design	

CJ electives: nine credits (neither CJ 202 nor CJ 203 may be used as elective credits) 9

¹ Course in development.

Journalism, Major

Liberal Arts (Code 560-206)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal	
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal	
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal	
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal	
Service-Learning (p. 49)	30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is

required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Understanding the role of journalism in a democratic society is the goal of this major. This major prepares students to inform citizens and enhance democracy by gathering, writing, editing and delivering news across multiple platforms.

Thirty-six semester credits, including:

CJ 184	Multimedia Communication	3
CJ 202	Fundamentals of Speech	3
or CJ 203	Fundamentals of Human Communication	
CJ 222	Beginning Journalism	3
CJ 300	Research Methods	3
CJ 321	Intermediate Journalism	3
CJ 413	Media Law and Ethics	3
CJ 427	Advanced Reporting and Editing	3
CJ 429	Digital Newsroom (capstone)	3
One of the following courses:		3
CJ 241	Audio and Video Production Process	
CJ 284	Introduction to Photography	
CJ 380	Visual Communication Design	

CJ electives: nine credits (neither CJ 202 nor CJ 203 may be used as elective credits) 9

Total Credits 36

Journalism, Minor

Liberal Arts (Code 560-406)

Twenty-four semester credits, including:

CJ 184	Multimedia Communication	3
CJ 202	Fundamentals of Speech	3
or CJ 203	Fundamentals of Human Communication	
CJ 222	Beginning Journalism	3
CJ 300	Research Methods	3
CJ 413	Media Law and Ethics	3

Select nine credits of electives in CJ courses (neither CJ 202 nor CJ 203 may be used as elective credits) 9

Total Credits 24

Organizational Communication, Certificate

(Code 583-601)

The **Certificate in Organizational Communication** complements majors in every area of study by developing professional, group, and interpersonal communication skills that enable students to contribute to, and better serve, the communities, organizations and societies in which they live and work. Students in any field must be able to analyze, develop and deliver messages to a variety of stakeholders. The Certificate in Organizational Communication helps students hone these abilities by highlighting the role of communication in organizational effectiveness, and engaging students in both theory and practice. The elective course options for the certificate allow students to focus on the specific communication skills that apply most directly to their particular interests or career aspirations.

Note: Students cannot pursue a Communication, Integrated Strategic Communication, or Journalism Major and the Organizational Communication Certificate to meet graduation requirements for completing a first and second degree program.

Students pursuing an Organizational Communication Certificate are required to complete 12 credits toward the certificate.

Twelve semester credits, including:

Required Courses

CJ 250	Introduction to Organizational Communication	3
CJ 355	Advanced Organizational Communication: Strategic Message Design	3

Select six credits from the following: 6

CJ 184	Multimedia Communication	
CJ 201	Introduction to Interpersonal Communication	
CJ 206	Human Communication Theory	
CJ 301	Intercultural Communication	
CJ 317	Diversity & Communication: Organizational & Media Contexts	

CJ 307	Small Group Communication	
CJ 350	Human Resource Development	
CJ 351	Strategic Event Planning	
CJ 357	Professional Communication	
CJ 406	Persuasion	
CJ 407	Leadership Communication	

Total Credits 12

NOTE: For advising, contact Professor M. Hoffman (Communication and Journalism).

Social Advocacy and Change, Certificate

(Code 583-603)

The **Certificate in Social Advocacy and Change** is designed for students who wish to engage as active citizens, using communication skills and knowledge to promote change in a variety of social and political contexts including, but not limited to, human rights and environmental concerns. Active citizenship exists where individuals use communication practices and theories to advocate for change on their own behalf or on the behalf of others, and where groups seek to find common cause or concern with issues at the heart of the controversy. A combination of courses in communication studies and organizational communication help students learn the knowledge and skills that will allow them to create responsible change in their communities.

Twelve semester credits, including:

Required Courses

CJ 202	Fundamentals of Speech	3
CJ 207	Introduction to Rhetoric and Society	3
CJ 318	Topics in Communication and Social Advocacy	3
CJ 355	Advanced Organizational Communication: Strategic Message Design	3
or CJ 406	Persuasion	

Note 1: Courses used for the certificate may not count for the student's major program.

Note 2: Students majoring in any program in Communication and Journalism may not use this certificate to satisfy the graduation requirement of a second program.

Computer Science

Phillips 130

715-836-2526

www.cs.uwec.edu (<http://www.cs.uwec.edu>)

Honor Societies and Student Organizations: ACM, WITS

Computer Science and Software Engineering are disciplines that combine concepts from mathematics, science, and engineering into a coherent and disciplined study of the software and hardware required for computation. The programs offered by the UW-Eau Claire Department of Computer Science provide the fundamental education necessary to prepare students for positions in industry or to pursue graduate study. The curriculum is organized so that graduates will be able to meet immediate demands for solving computational problems or designing state-of-the-art computer systems, yet also have an understanding of the basic principles and concepts in computer science needed to avoid technological obsolescence in a rapidly changing environment. This program is intended to produce computer science professionals, not merely technicians with some training in computer software and hardware. Success requires a strong aptitude in mathematics.

The Program for Majors and Minors

Department faculty constantly examine the curriculum to ensure that students gain both the breadth and depth of knowledge needed to be successful in careers in business and industry, or in graduate school. The major/minor curriculum includes:

1. Introductory courses which cover the basic principles of Computer Science.
2. The use of object-oriented and other programming paradigms.
3. An integrated blend of courses which cover the tools, knowledge, problem-solving, and programming techniques that form the basis for a successful career.
4. A capstone experience.

Departmental Honors in Computer Science

Eligibility: Students with resident and total GPAs of 3.50 or higher and a 3.50 or higher in at least 12 credits of computer science.

Procedure: A written application for Departmental Honors in Computer Science shall be approved by the research adviser and the departmental honors committee. The application and approval process must be completed no later than the end of the junior year.

Requirements:

1. The satisfactory completion of
 - a. six credits of registration in Computer Science Research, including the writing of a research paper;
 - b. an oral presentation to be given to at least three members of the faculty.
2. Resident and total GPAs of 3.50 or higher in both the computer science major and for all credits attempted to meet graduation requirements.
3. Participation in at least one Student ACM Programming Contest.

Information for All Students

It is strongly recommended that the student have a grade of C or above in any Computer Science course which is to be used as a prerequisite to another

course. Where a grade of C- or below is earned in a Computer Science course, the student should repeat the course before continuing.

Satisfactory/Unsatisfactory Policy

The Satisfactory/Unsatisfactory option may not be elected to satisfy a course requirement at the 200 level or higher for the major or minor programs, except for CS 490.

Faculty

Jack Tan, Chair

Heather Amthauer

Ryan Hardt

Christopher Johnson

Daniel Stevenson

Majors

- Major: Computer Science, Software Engineering, Liberal Arts - B.A./B.S. (p. 196)
- Comprehensive Major: Computer Science, Liberal Arts - B.A./B.S. (p. 193)

Minors

- Minor: Computer Science, Liberal Arts Emphasis (p. 195)

Certificates

- Certificate: Computer Programmer (p. 193)
- Certificate: Web Design and Development (p. 198)

Computer Programmer, Certificate

(Code 170-605)

The Department of Computer Science offers certificates to students and working computer professionals who desire the knowledge and hands-on experience necessary to become computer programmers or web designers and developers. Note: Students cannot pursue the Computer Science Major and the Computer Programmer Certificate nor the Computer Science Major and the Web Design and Development Certificate to meet graduation requirements for completing a first and second degree program.

Fifteen semester credits, including:

CS 145	Introduction to Object-Oriented Programming	4
CS 163	Introduction to Programming in C++	3
CS 245	Advanced Programming and Data Structures	4
CS 252	Computer Systems	4
Total Credits		15

Computer Science, Comprehensive Major

Liberal Arts (Code 170-030)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		
Apply for graduation on Camp5.		

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
a minimum of 36 credits		
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
	Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal	
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal	
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal	
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal	
Service-Learning (p. 49)	30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available)

may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

This major is recommended for students who desire a strong foundation in software design and development, computer systems and networking, and mathematics.

A minimum of sixty semester credits, including:

Computer Science core (39 crs)		
CS 145	Introduction to Object-Oriented Programming	4
CS 146	The Big Picture in Computer Science	1
CS 245	Advanced Programming and Data Structures	4
CS 252	Computer Systems	4
CS 260	Database Systems	4
CS 268	Web Systems	3
CS 330	Programming Languages	3
CS 335	Algorithms	3
CS 352	Computer Architecture	3
CS 355	Software Engineering I	3
CS 396	Junior Seminar	1
CS 452	Operating Systems	3
CS 462	Computer Networks (capstone course)	3
Mathematics Core (15 crs)		
MATH 114	Calculus I	4
MATH 215	Calculus II	4
MATH 314	Discrete Mathematics	3
MATH 246	Elementary Statistics	4

or MATH 345 Introduction to Probability and Mathematical Statistics

A Computer Science elective, selected from one of the following:

Option 1

Select a minimum of six credits of electives chosen from the following and not already included in the Computer Science core: 6

CS 278	Digital System Design
CS 291	Special Topics
CS 321	Web Design and Development
CS 322	Animation Programming
CS 370	Computer Security
CS 388	UNIX Systems Programming
CS 399	Independent Study - Juniors
CS 420	Artificial Intelligence
CS 450	Theory of Computation
CS 455	Computer Graphics
CS 485	Software Engineering II
CS 491	Special Topics
CS 498	Computer Science Internship

Or other courses designated by the department (six-seven credits; recommended for students considering industry employment)

Option 2

Select six credits from the following:¹

CS 482	Research in Computer Science I
CS 492	Research in Computer Science II

¹ additional capstone and research experience; recommended for students considering graduate school

For a degree in Computer Science, a student must:

Required courses not counted toward credits in major:

Complete one of the following:		3
CJ 202	Fundamentals of Speech	
ENGL 312	Topics in Rhetoric and Science	
ENGL 313	Topics in Rhetoric and Technology	
Required:		
PHIL 308	Ethics in Computing and Engineering	3
Complete one lab science sequence chosen from:		9-10
PHYS 211	General Physics & PHYS 212 and General Physics	
OR		
PHYS 231	University Physics I & PHYS 232 and University Physics II	

Computer Science, Liberal Arts Emphasis, Minor

Liberal Arts (Code 170-401)

Twenty-four semester credits, including:

CS 145	Introduction to Object-Oriented Programming	4
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CS 245	Advanced Programming and Data Structures	4
CS 252	Computer Systems	4
CS 260	Database Systems	4
Nine credits selected from:		9
CS 268	Web Systems	
CS 278	Digital System Design	
CS 291	Special Topics	
CS 321	Web Design and Development	
CS 335	Algorithms	
CS 370	Computer Security	
CS 388	UNIX Systems Programming	
CS 399	Independent Study - Juniors	
CS 420	Artificial Intelligence	
CS 450	Theory of Computation	
CS 455	Computer Graphics	
CS 462	Computer Networks	

or other courses designated by the department and not already included in the minor.

Computer Science, Software Engineering, Major

Liberal Arts (Code 170-205)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

This major is recommended for students who desire a strong foundation in software design and development.

A minimum of 42 semester credits, including:

Software Engineering Core (39 crs)

CS 145	Introduction to Object-Oriented Programming	4
CS 146	The Big Picture in Computer Science	1
CS 245	Advanced Programming and Data Structures	4
CS 252	Computer Systems	4
CS 260	Database Systems	4
CS 268	Web Systems	3
CS 330	Programming Languages	3
CS 335	Algorithms	3
CS 352	Computer Architecture	3
CS 355	Software Engineering I	3
CS 396	Junior Seminar	1
CS 452	Operating Systems	3
CS 485	Software Engineering II (capstone course)	3

A Computer Science elective, selected from one of the following options:

Option 1

Select a minimum of three credits of electives chosen from the following Computer Science courses not already included in the Software Engineering core:

CS 278	Digital System Design
CS 291	Special Topics
CS 321	Web Design and Development
CS 322	Animation Programming
CS 370	Computer Security
CS 388	UNIX Systems Programming
CS 399	Independent Study - Juniors
CS 420	Artificial Intelligence
CS 450	Theory of Computation
CS 455	Computer Graphics
CS 462	Computer Networks
CS 491	Special Topics
CS 498	Computer Science Internship

Or other courses designated by the department (three-four credits; recommended for students considering industry employment)

Option 2

Six credits from: ¹

CS 482	Research in Computer Science I
CS 492	Research in Computer Science II

¹ additional capstone and research experience; recommended for students considering graduate school

NOTE 1: MATH 114 or equivalent is required.

NOTE 2: MATH 314 or equivalent is required.

NOTE 3: CJ 202, ENGL 312, or ENGL 313 must be completed for a degree in Computer Science, Software Engineering.

Web Design and Development, Certificate

(Code 170-601)

Certificate Programs

The Department of Computer Science offers certificates to students and working computer professionals who desire the knowledge and hands-on experience necessary to become computer programmers or web designers and developers. Note: Students cannot pursue the Computer Science Major and the Computer Programmer Certificate nor the Computer Science Major and the Web Design and Development Certificate to meet graduation requirements for completing a first and second degree program.

Twelve semester credits, including:

CS 318	Fundamentals of Web Page Design	3
CS 319	Introduction to Web Programming	3
CS 320	Web Database Design and Implementation	3
CS 321	Web Design and Development	3

Total Credits **12**

Economics

Schneider Social Science 476

715-836-5743

www.uwec.edu/econ (<http://www.uwec.edu/econ>)

What is Economics?

Economics is the study of how and to what extent a society uses its scarce resources. The Department of Economics believes that understanding economics requires both learning economic theory and applying that theory. To this end, the department encourages internships, student/faculty collaborative research activities, small-group learning, and applied projects.

To aid our graduates in the transition to employment or further education, the department sponsors trips to area graduate schools and visits by individuals employed in economics-related occupations and it maintains a file of alumni mentors.

Honor Societies and Student Organizations

Omicron Delta Epsilon (Economics Honors Society) and Student Economics Association.

For more information on either organization, see the Department Chair. Departmental Honors Program in Economics

Entrance Requirements:

1. Majors who have completed at least the two introductory economics courses with a GPA in economics courses of 3.50 or higher, and resident and total GPAs of 3.35 or higher,
2. and submit a written application before the beginning of the senior year for approval by the Economics Department faculty.
3. Requirements for Continued Participation: If at any time a student's resident and total GPAs fall below 3.35, or a student's GPA in economics courses falls below 3.20, that student will no longer be eligible to participate in the program.

Graduation Requirements:

1. Complete the requirements for an economics major, including ECON 316.
2. Complete at least six credits in the department's Honors Seminars taught by graduate faculty. If unable to schedule six credits of seminar, the student can petition the department to replace three credits of Honors Seminar with three credits of Honors Independent Study.
3. Satisfactory completion of an Honors paper under the direction of a department member of the graduate faculty.
4. Satisfactory completion of an oral examination, conducted by at least three faculty members, on economic theory (ECON 303 and ECON 304) and on the student's Honors Paper.
5. Resident and total GPAs of 3.50 or higher at graduation for all courses and in Economics Department courses. For more information, see the Department Chair.

Faculty

Thomas Kemp, Chair

Rose-Marie Avin

Wayne Carroll

Sanjukta Chaudhuri

Maria DaCosta
Eric Jamelske
Fredric Kolb
Yan Li
David Schaffer

Majors

- Major: Economics, Liberal Arts - B.A./B.S. (p. 201)
- Comprehensive Major: Economics, Business - B.B.A. (p. 199)
- Major: Economics, Teaching - B.A. (p. 202)

Minors

- Minor: Economics, Liberal Arts (p. 206)
- Minor: Economics, Teaching (p. 206)

Economics, Business, Comprehensive Major

(Code 360-002)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
	Obtain admission to the degree program and/or the College offering it.	
	Apply for graduation on CampS.	

¹ Certain programs exceed this minimum.
² See special requirements in each College.
³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
a minimum of 36 credits		
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
	Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal		
	Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
	One S1 must meet the University Writing Requirement (p. 49)	
	Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
	One S2 to meet the University Mathematics Requirement (p. 49)	
	Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal		
	Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
	One R1 must satisfy Design for Diversity (p. 49)	
	Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
	Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal		
	Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal		
	Service-Learning (p. 49)	30 hours

College Degree Requirements Bachelor of Business Administration Degree Requirements

Credits for Graduation

All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those

offered by the College of Business. The Health Care Administration major is exempt from the 48 credit requirement.

Student Professional Development Program

All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. **Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300 level courses in the College of Business Core, and need to be completed prior to registration for those courses.**

The program consists of four workshops: Becoming a Business Professional, Professional Appearance, Developing your Professional Profile, and Professional Etiquette. For more information, visit the College of Business website (<http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program>).

Grade Point Requirements

Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 431) and Health Care Administration (p. 444).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student's major or business minor.

Major Requirements

Proficiency Requirement:

MATH 111 or MATH 114 or equivalent. Does not count toward credits in the major.

The BUSCORE

The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

Code	Title	Credits
BUSCORE Courses		
ACCT 201	Principles of Accounting I	3
BCOM 206	Business Writing ¹	2
BCOM 207	Business Presentations ²	2
IS 240	Information Systems in Business	3
BSAD 300	Diversity in the Workplace	1
BSAD 305	Legal and Regulatory Environment	2
FIN 320	Principles of Finance	3
MKTG 330	Principles of Marketing	3
MGMT 340	Organizational Behavior	3
MGMT 341	Operations Management	3

MGMT 449	Strategic Management in a Global Business Environment ³	3
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Total Credits **28**

- ¹ Students who earn less than a B- (B minus) in BCOM 206 must complete BCOM 216 with a grade of C or above.
- ² Students must earn a B- (B minus) or higher in BCOM 207.
- ³ MGMT 449 is a capstone course that requires prior completion of all other BUSCORE courses. This prerequisite is strictly enforced.

A Bachelor of Business Administration degree with a comprehensive major in economics consists of the 28 credit BUSCORE, and completion of 32 additional credits as follows:

Economics, Business, Comprehensive Major

ECON 103	Principles of Microeconomics	3
ECON 104	Principles of Macroeconomics	3
ECON 303	Intermediate Microeconomic Theory	3
ECON 304	Intermediate Macroeconomic Theory	3
MATH 246	Elementary Statistics	4

Electives from the following courses, bringing total credits in the major to 60:

ECON 308	Essentials of Managerial Economics
ECON 311	History of Economic Thought
ECON 315	Elements of Mathematical Economics
ECON 316	Econometrics
ECON 318	Business Fluctuations and Forecasting
ECON 321	Money and Banking
ECON 322	Investments
ECON 325	Public Economics
ECON 331	Government and Business
ECON 335	Labor Economics
ECON 351	International Economics
ECON 353	Economics of Pacific Asia
ECON 355	Economic Development
ECON 366	Behavioral Economics
ECON 371	Current Economic Problems
ECON 375	Urban Economics
ECON 399	Independent Study - Juniors
ECON 491	Special Topics
ECON 492	Honors Seminar
ECON 494	Academic Internship
ECON 495	Directed Studies
ECON 496	Honors Independent Study
ECON 498	Professional Internship
ECON 499	Independent Study - Seniors
FIN 322	Investments
FIN 327	Long Term Financial Management
No more than two courses from the following:	
ECON 268	Environmental Economics
ECON 280	Health Economics
ECON 329	Lifetime Investing Principles and Strategies
ECON 330	Economics of American Minorities
ECON 390	Global Economics Immersion Experience

ECON/LAS 356	Economic Development of Latin America
ECON/WMNS 337	Women and the Labor Market
ECON/WMNS 357	Women and Economic Development

¹ A student may substitute MATH 347 for MATH 246 in the major.

NOTE: A maximum of six credits earned in ECON 399, ECON 494, ECON 495, ECON 496, ECON 498, and/or ECON 499 may count toward the major.

Economics, Major - Liberal Arts

Liberal Arts (Code 360-200)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		
Apply for graduation on CampS.		

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major

department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Thirty-six semester credits in economics and supporting courses, including:

ECON 103	Principles of Microeconomics	3
ECON 104	Principles of Macroeconomics	3
ECON 303	Intermediate Microeconomic Theory	3
ECON 304	Intermediate Macroeconomic Theory	3
MATH 246	Elementary Statistics	4

Students may count a maximum of three courses from the following:

ECON 268	Environmental Economics
ECON 280	Health Economics
ECON 329	Lifetime Investing Principles and Strategies
ECON 330	Economics of American Minorities

ECON/ WMNS 337	Women and the Labor Market
ECON/LAS 356	Economic Development of Latin America
ECON/ WMNS 357	Women and Economic Development
ECON 390	Global Economics Immersion Experience
ACCT 201	Principles of Accounting I

A student may substitute MATH 347 for MATH 246 in the major.

NOTE 1: MATH 111 or MATH 114 or their equivalent must be completed as part of the Liberal Education requirements.

NOTE 2: A maximum of six credits earned in ECON 399, ECON 494, ECON 495, ECON 496, ECON 498, and/or ECON 499 may count toward the major.

Economics, Major - Teaching

Teaching (Code 360-204)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- Certain programs exceed this minimum.
- See special requirements in each College.
- See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves

to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geography course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		
WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	
WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students	
AND at least one oral communication course from the following:		
CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	
S2 (Mathematics)		
LE approved math course		

S3 (Creativity)		
ES 497	Field Experience Seminar (included in major)	2

R1 (Equity, Diversity, Inclusivity)		
ES 385	Social Foundations: Human Relations (included in major)	3

AND another learning experience

R2 (Global Perspectives)

One LE approved course

R3 (Civic and Environmental Issues)

One LE approved course

IL (Integration)		
ES 497	Field Experience Seminar (included in major)	2

AND another learning experience

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EA-A Licensure

Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option B: EA-A Early Adolescence through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
Prescribed special methods course(s) (see approved majors and minors below)		
ES 445 & ES 470	Student Teaching in Middle Level Education and Student Teaching in Secondary Education	14

or ES 446	Internship Teaching in Middle Level Education	
or ES 475	Internship Teaching in Secondary Education	
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2

NOTE: Although majors must be from the approved list below, the second plan may be from the approved list. Students pursuing EA-A licensure are not required to elect a second plan that leads to a teaching license.

Approved Majors and Minors for Option B

Majors	Comprehensiv Code	Prescribed Methods Course	Additional Requirement	Praxis II Content Test Required
English	540-006	ENGL 319, ENGL 419		ETS 5038
Earth and Space Science	160-015 ¹	ES 359 (F)		ETS 5435
Mathematics	180-002	ES 357		ETS 5061
Physical Science ¹	240-004	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Physics-Mathematics ¹				ETS 5161 and ETS 5435 (regardless of emphasis)
Physics Emphasis	210-003	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Mathematics Emphasis	210-004	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Social Studies	500-XXX	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Majors	Code	Prescribed Methods Course	Additional Requirements	Praxis II Content Test Required
Biology ¹	080-205	ES 367 (Sp)	BIOL 180 or GEOG 178	ETS 5435
Chemistry ¹	100-204	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Economics	360-204	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
English	540-210	ENGL 319, ENGL 419		ETS 5038
Geography	140-213	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
History	380-206	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Mathematics	180-207	ES 357		ETS 5161
Physics ¹	230-205	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435

Political Science	420-203	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
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Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
Biology	080-403	ES 367 (SP)	BIOL 180 or GEOG 178	ETS 5435
Chemistry	100-406	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Coaching	971-403	KINS 492		no addtl exam
Economics	360-404	ES 356	BIOL 180 or GEOG 178	ETS 5081
English	540-408	ENGL 319, ENGL 419		ETS 5038
French	260-404	ES 366 (F) in language	Study abroad	WPT and OPI or OPIc
Geography	140-413	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Geology	160-402	ES 359 (F)		
German	280-404	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
History	380-404	ES 356 (SP)	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Learning Disabilities	950-471			ETS 5146
Library Science	960-403		EC-A licensure	no addtl exam for this minor
Mathematics	180-407	ES 357		ETS 5161
Physics	230-403	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-403	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Sociology	480-404	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Spanish	320-405	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
Teaching English to Speakers of Other Languages (TESOL)	550-408	ES 405 (F)	1 yr college level foreign language	ETS 0361
Theatre Arts	601-424	ES 361 (F)		ETS 0641

¹ Broadfield Science add-on certification is available with these majors and requires ES 359 (fall only) and ES 367 (spring only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Thirty-six semester credits in economics and supporting courses, including:

ECON 103	Principles of Microeconomics	3
ECON 104	Principles of Macroeconomics	3
ECON 303	Intermediate Microeconomic Theory	3
ECON 304	Intermediate Macroeconomic Theory	3
ECON 321	Money and Banking	3
ECON 322	Investments	3
MATH 246	Elementary Statistics	4

Additional credits must be selected primarily from the following: 14

ECON 308	Essentials of Managerial Economics	
ECON 311	History of Economic Thought	
ECON 315	Elements of Mathematical Economics	
ECON 316	Econometrics	
ECON 318	Business Fluctuations and Forecasting	
ECON 325	Public Economics	
ECON 331	Government and Business	
ECON 335	Labor Economics	
ECON 351	International Economics	
ECON 353	Economics of Pacific Asia	
ECON 355	Economic Development	
ECON 366	Behavioral Economics	
ECON 371	Current Economic Problems	
ECON 375	Urban Economics	
ECON 399	Independent Study - Juniors	
ECON 491	Special Topics	
ECON 492	Honors Seminar	
ECON 494	Academic Internship	
ECON 495	Directed Studies	
ECON 496	Honors Independent Study	
ECON 498	Professional Internship	
ECON 499	Independent Study - Seniors	

Students may, if they wish, count a maximum of two courses from the following:

ECON 268	Environmental Economics	
ECON 280	Health Economics	
ECON 329	Lifetime Investing Principles and Strategies	
ECON 330	Economics of American Minorities	
ECON 390	Global Economics Immersion Experience	
ECON/LAS 356	Economic Development of Latin America	
ECON/WMNS 337	Women and the Labor Market	
ECON/WMNS 357	Women and Economic Development	
ACCT 201	Principles of Accounting I	

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Economics in Early Adolescence through Adolescence classrooms.

All students with a major in economics must complete a capstone paper during the year prior to graduation. Contact the department office for information on capstone requirements and options.

NOTE: A maximum of six credits earned in ECON 399, ECON 494, ECON 495, ECON 496, ECON 498, and/or ECON 499 may count toward the major.

NOTE: This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Economics in Early Adolescence through Adolescence classrooms.

Economics, Minor - Liberal Arts

Liberal Arts (Code 360-400)

Twenty-four semester credits, including:

ECON 103	Principles of Microeconomics	3
ECON 104	Principles of Macroeconomics	3
ECON 303	Intermediate Microeconomic Theory	3
ECON 304	Intermediate Macroeconomic Theory	3

Remaining credits in Economic electives

Maximum of three courses from the following:

ECON 268	Environmental Economics
ECON 280	Health Economics
ECON 329	Lifetime Investing Principles and Strategies
ECON 330	Economics of American Minorities
ECON 390	Global Economics Immersion Experience
ECON/LAS 356	Economic Development of Latin America
ECON/WMNS 337	Women and the Labor Market
ECON/WMNS 357	Women and Economic Development

Economics, Minor - Teaching

Teaching (Code 360-404)

Twenty-four semester credits, including:

ECON 103	Principles of Microeconomics	3
ECON 104	Principles of Macroeconomics	3
ECON 303	Intermediate Microeconomic Theory	3
ECON 304	Intermediate Macroeconomic Theory	3
ECON 321	Money and Banking	3

Remaining credits in Economics electives:

Maximum of two courses from the following:

ECON 268	Environmental Economics
ECON 280	Health Economics
ECON 329	Lifetime Investing Principles and Strategies
ECON 330	Economics of American Minorities
ECON 390	Global Economics Immersion Experience
ECON/LAS 356	Economic Development of Latin America
ECON/WMNS 337	Women and the Labor Market
ECON/WMNS 357	Women and Economic Development

English

Centennial Hall 4102

715-836-2639

www.uwec.edu/english (<http://www.uwec.edu/english>)

English, as an academic discipline, encompasses the study of literature, literary theory, critical/cultural theory, film, creative writing, professional writing, rhetoric, and linguistics. In English courses, students develop strong critical thinking and analytical skills; they learn to read with interpretive power and write with fluency, power, and precision; and they apply a variety of research strategies and methods.

Advising Information

The English Department maintains updated advising guides and four-year degree plans for all of its majors and minors; these materials are available in the English Department office and on the English Department (<https://www.uwec.edu/English>) website (<https://www.uwec.edu/English>).

Students contemplating a major or minor in English can make an appointment in the English Department office with the Director of Undergraduate Studies in English.

No student may have both a major and a minor in the English Department.

Programs

Students at UW-Eau Claire may focus their studies in English by choosing a major or minor in one of five areas of emphasis. A standard major, which must be taken in conjunction with a second program, may be pursued in one of five emphases: Creative Writing; Critical Studies in Literatures, Cultures, and Film; Linguistics; Rhetorics of Science, Technology, and Culture; and Teaching. The teaching emphasis may also be taken as a comprehensive major, which does not need a second program. The English Department offers minors in the following four emphases: Creative Writing; Critical Studies in Literatures, Cultures, and Film; Rhetorics of Science, Technology, and Culture; and Teaching. In lieu of a minor in English Linguistics, the English Department administers the College of Arts and Sciences Interdisciplinary Linguistics minor and the Interdisciplinary Linguistics certificate. Each major/minor in English offers students a framework of core English courses and a focused concentration of courses in the emphasis.

All English majors take three core courses, designed to provide a strong foundation in English studies:

ENGL 210	Introduction to Texts	5
ENGL 221	Introductory English Linguistics	3
ENGL 284	Introduction to Theory and Criticism	3

ENGL 210 provides students with an understanding of textuality and how texts function within historicized cultural contexts. All English minors take ENGL 210 as their one core English course. ENGL 221 introduces students to the scientific study of language, including linguistic structure, the history of the English language, and language acquisition. ENGL 284, provides a broadly conceived understanding of theory and criticism, and introduces students to the practice of self-reflectively theorizing and critiquing within the field of English. These core courses provide students with a strong basis for their work in the discipline.

Our English majors/minors are designed to give students focused study in a particular area or emphasis. Students deepen their study of English through intermediate and advanced coursework in their specific emphasis and have many opportunities to integrate their previous learning by producing major

research or creative projects. Students in English develop strong analytical skills, critical thinking abilities, oral and written communication skills, and a depth of knowledge about language, literature, and culture, all of which will serve them well in their careers or graduate work. Finally, the English Department prides itself on its accomplished faculty, rigorous curriculum, and welcoming community.

Departmental Honors Program, Student Organizations, and Other Opportunities

We believe that getting involved beyond the classroom in the major/minor enhances students' college experience and gives them valuable career-building and life-enriching skills. Please visit the English department website (<https://www.uwec.edu/English>) for information about these opportunities.

- **Departmental Honors Program in English**—engage in high impact research, creative and integrative opportunities. The Departmental Honors Program fosters integrative learning through independent and collaborative experiences, promotes advanced engagement with scholarly resources, and recognizes outstanding achievement in academic and scholarly activity.
- **English Festival**—organize events and activities of interest to English majors, minors, and faculty.
- **English Ambassadors**—promote the department at recruitment events, mentor English majors/minors, and advise the department on student concerns.
- **NOTA (None of the Above)**—contribute to the creation of the campus' creative literary and arts publication and host events promoting the literary and creative arts.
- **Sigma Tau Delta/Theta Zeta Chapter**—English honor society committed to fostering relationships between students and faculty and inspiring students to promote their love of English to the campus and local community through service projects and activities.
- **Center for Writing Excellence Writing Assistants & Writing Fellows**—tutor in the Center for Writing Excellence or assist professors in writing-intensive courses.
- **Student Mentors/Teaching Apprentices**—mentor or apprentice in an English course.
- **Writing Internships**—build your writing and professional skills by working for community agencies or businesses in the Chippewa Valley.

General Restrictions

Directed Studies (ENGL 395) and **Independent Studies** (ENGL 399, ENGL 499) may be applied in major and minor programs only with the written permission of the student's adviser and the department chair.

Auditors will be admitted to writing courses only with the written permission of the instructor and the department chair.

English for Non-Native Speakers. The beginning composition course for non-native speakers of English is ordinarily ESL 305 (contact Department of Languages), followed by a first-year writing course offered by the English Department.

Faculty

Erica J. Benson, Chair

José Alvergue
Carey Applegate
Debra K.S. Barker

Alan Benson
 Christina Berchini
 Jack Bushnell
 Ruth Cronje
 Stephanie Farrar
 Audrey Fessler
 B.J. Hollars
 David Jones
 Theresa D. Kemp
 Allyson Loomis
 Jon Loomis
 Carmen Manning
 Robert Nowlan
 Tess Onwueme
 Joel Pace
 Molly Patterson
 Cathy Rex
 Asha Sen
 Jennifer Shaddock
 David Shih
 Jan Stirm
 Stacy Thompson
 Stephanie Turner
 Blake Westerlund
 Lynsey Wolter
 Marty Wood

Majors

- Major: English, Linguistics, Liberal Arts - B.A./B.S. (p. 221)
- Major: English, Critical Studies in Literatures, Cultures, and Film, Liberal Arts - B.A./B.S. (p. 216)
- Major: English, Creative Writing, Liberal Arts - B.A./B.S. (p. 212)
- Major: English, Rhetorics of Science, Technology, and Culture, Liberal Arts - B.A./B.S. (p. 228)
- Major: English, Teaching - B.A. (p. 224)
- Comprehensive Major: English, Teaching - B.A. (p. 208)

Minors

- Minor: English, Critical Studies in Literatures, Cultures, and Film, Liberal Arts (p. 219)
- Minor: English, Creative Writing, Liberal Arts (p. 215)
- Minor: English, Early Adolescence/Adolescence, Teaching (p. 220)
- Minor: English, Rhetorics of Science, Technology, and Culture, Liberal Arts (p. 231)

English, Comprehensive Major - Teaching

Teaching (Code 540-006)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36

Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²	
Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50) ³	
Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience

Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
------	-------	---------

K1 (Natural Sciences)

At least one Biology course

AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)

K2 (Social Sciences)

PSYC 260	Educational Psychology	3
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AND another learning experience

K3 (Humanities)

One literature course AND another learning experience

K4 (Fine Arts)

One fine arts course

S1 (Written and Oral Communication)

At least one writing course from the following:

WRIT 114	Intensive Bugold Seminar in Critical Reading and Writing	
WRIT 116	Bugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Bugold Seminar in Critical Reading and Writing	
WRIT 120	Bugold Seminar in Critical Reading and Writing for Transfer Students	

AND at least one oral communication course from the following:

CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	

S2 (Mathematics)

LE approved math course

S3 (Creativity)

ES 497	Field Experience Seminar (included in major)	2
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R1 (Equity, Diversity, Inclusivity)

ES 385	Social Foundations: Human Relations (included in major)	3
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AND another learning experience

R2 (Global Perspectives)

One LE approved course

R3 (Civic and Environmental Issues)

One LE approved course

IL (Integration)

ES 497	Field Experience Seminar (included in major)	2
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AND another learning experience

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EA-A Licensure

Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option B: EA-A Early Adolescence through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
Prescribed special methods course(s) (see approved majors and minors below)		
ES 445 & ES 470	Student Teaching in Middle Level Education and Student Teaching in Secondary Education	14
or ES 446 or ES 475	Internship Teaching in Middle Level Education or Internship Teaching in Secondary Education	
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2

NOTE: Although majors must be from the approved list below, the second plan may be from the approved list. Students pursuing EA-A licensure are not required to elect a second plan that leads to a teaching license.

Approved Majors and Minors for Option B

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II Content Test Required
English	540-006	ENGL 319, ENGL 419		ETS 5038
Earth and Space Science	160-015 ¹	ES 359 (F)		ETS 5435
Mathematics	180-002	ES 357		ETS 5061
Physical Science ¹	240-004	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Physics-Mathematics ¹				ETS 5161 and ETS 5435 (regardless of emphasis)
Physics Emphasis	210-003	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	

Mathematics Emphasis	210-004	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Social Studies	500-XXX	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Majors	Code	Prescribed Methods Course	Additional Requirements	Praxis II Content Test Required
Biology ¹	080-205	ES 367 (Sp)	BIOL 180 or GEOG 178	ETS 5435
Chemistry ¹	100-204	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Economics	360-204	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
English	540-210	ENGL 319, ENGL 419		ETS 5038
Geography	140-213	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
History	380-206	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Mathematics	180-207	ES 357		ETS 5161
Physics ¹	230-205	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-203	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
Biology	080-403	ES 367 (SP)	BIOL 180 or GEOG 178	ETS 5435
Chemistry	100-406	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Coaching	971-403	KINS 492		no addtl exam
Economics	360-404	ES 356	BIOL 180 or GEOG 178	ETS 5081
English	540-408	ENGL 319, ENGL 419		ETS 5038
French	260-404	ES 366 (F) in language	Study abroad	WPT and OPI or OPIc
Geography	140-413	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Geology	160-402	ES 359 (F)		
German	280-404	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
History	380-404	ES 356 (SP)	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Learning Disabilities	950-471			ETS 5146

Library Science 960-403	EC-A licensure	no addtl exam for this minor
Mathematics 180-407	ES 357	ETS 5161
Physics 230-403	ES 359 (F)	BIOL 180 or GEOG 178
Political Science 420-403	ES 356	ECON 103, BIOL 180 or GEOG 178
Sociology 480-404	ES 356	ECON 103, BIOL 180 or GEOG 178
Spanish 320-405	ES 366 (F)	Study abroad in language
Teaching English to Speakers of Other Languages (TESOL) 550-408	ES 405 (F)	1 yr college level foreign language
Theatre Arts 601-424	ES 361 (F)	WPT and OPI or OPIc

¹ Broadfield Science add-on certification is available with these majors and requires ES 359 (fall only) and ES 367 (spring only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Core (11 credits)

ENGL 210	Introduction to Texts	5
ENGL 221	Introductory English Linguistics	3
ENGL 284	Introduction to Theory and Criticism	3

Emphasis Requirements

LMED 306	Literature For Adolescents	3
ENGL 257	Representative Shakespeare	3
or ENGL 357	Shakespearean Topics	
ENGL 319	Introduction to English Education Methods	3
ENGL 419	Seminar in English Education Methods	3

Literature/Culture Requirements

27 credits of English courses: 27

Minimum of 15 credits from the following categories but no more than two courses from any one category: British Literature/Culture, American Literature/Culture, World/Post-Colonial Literature/ Culture, American Ethnic Literature/Culture, or Women's Literature/Culture

Maximum of 12 credits from the following options and no more than one course from any categorical area: ENGL 397, Creative Writing, Rhetorics of Science, Technology, and Culture, Linguistics, or Theory and Film courses

No more than six credits from the 100- or 200-level, with no more than three credits from ENGL 121, ENGL 130, ENGL 142, ENGL 150, or ENGL 181.

At least three credits at the 400-level

Related Discipline Courses

Select one of the following: 3

CJ 201	Introduction to Interpersonal Communication
CJ 202	Fundamentals of Speech
CJ 205	Listening

Electives

Select six credits from the following: 6

200- or 300-level LE K2 or K3 courses (not ENGL)	
ES 405	Teaching English to Speakers of Other Languages
CJ 105	Communication in Contemporary Society
CJ 222	Beginning Journalism
CJ 241	Audio and Video Production Process
CJ 307	Small Group Communication
CSD 150	Introduction to Communication Sciences and Disorders
CSD 257	Normal Communication Development
CSD 311	Language Development and Disorders: Related Disciplines
FLG 378	Second Language Acquisition Theory

NOTE: No more than six credits of electives may be taken.

The Comprehensive English Teaching major is restricted to students in the College of Education and Human Sciences: Education Studies: EA-A (Option B) and leads to licensure to teach English in Early Adolescence through Adolescence classrooms. See Education Studies departmental pages for specific information on requirements for admission to the College of Education and Human Sciences and the Professional Semester. See adviser for specific information regarding English Department requirements for admission to the College of Education and Human Sciences and the Professional Semester.

Information for English Majors and Minors

British Literature/Culture before 1790

Code	Title	Credits
ENGL 252	Perspectives on Pre-1790 British Literature	3
ENGL 257	Representative Shakespeare	3
ENGL 351	Chaucer and His Age	3
ENGL 352	Topics in British Literature Before 1790	3
ENGL 357	Shakespearean Topics	3
ENGL 452	Seminar in Early British Literature	3

British Literature/Culture after 1790

Code	Title	Credits
ENGL 259	Perspectives on British Literature After 1790	3
ENGL 359	Topics in British Literature After 1790	3
ENGL 362	Studies in Transatlantic Romanticism	3
ENGL 459	Seminar in British Literature After 1790	3

American Literature/Culture before 1865

Code	Title	Credits
ENGL 243	American Literature to 1865	3
ENGL 340	Topics in American Literature to 1865	3
ENGL 440	Seminar in American Literature Before 1865	3

American Literature/Culture after 1865

Code	Title	Credits
ENGL 244	American Literature from 1865-1945	3
ENGL 245	American Literature Since 1945	3
ENGL 348	Topics in American Literature: 1865 - Present	3
ENGL 448	Seminar in American Literature Since 1865	3

World/Post-Colonial Literature/Culture

Code	Title	Credits
ENGL 130	Introduction to World/Postcolonial Literature	3
ENGL 230	Survey of World/Postcolonial Literature	3
ENGL 330	Topics in World/Postcolonial Literature	3
ENGL 430	Seminar in World/Postcolonial Literature	3
ENGL/WMNS 332	Women in African Literature	3

American Ethnic Literature/Culture

Code	Title	Credits
ENGL 268	Survey of American Ethnic Literature	3
ENGL 368	Topics in American Ethnic Literature	3
ENGL 468	Seminar in American Ethnic Literature	3
ENGL/AIS 142	Introduction to American Indian Literatures	3
ENGL/AIS 242	The American Indian in Literature and Film	3
ENGL/AIS 345	American Indian Autobiography	3
ENGL/AIS 346	Major Works in American Indian Literature	3

Women's Literature/Culture

Code	Title	Credits
ENGL 496	Seminar in Women's Literature	3
ENGL/WMNS 296	Perspectives on Women's Literature	3
ENGL/WMNS 396	Studies in Women's Literature	3

Theory, Film, and Popular Culture Studies

Code	Title	Credits
ENGL 181	Making Sense of the Movies	3-4
ENGL 272	Perspectives in Popular Texts	3
ENGL 281	Critical Perspectives on Film	3-4
ENGL 372	Topics in Popular Culture	3
ENGL 381	Critical Studies in Film and Culture	3-4
ENGL 384	Studies in Theory and Criticism	3
ENGL 481	Seminar in Film, Video, and Moving-Image Culture	3-4
ENGL 484	Seminar in Critical Theory	3

Additional Courses in Literature/Culture

Code	Title	Credits
ENGL 150	Introduction to Literature	3
ENGL 273	Creative and Narrative Nonfiction	3
ENGL 274	The Short Story	3
ENGL 275	The Novel	3
ENGL 276	Poetry	3

ENGL 277	Drama	3
ENGL 392	Major Themes in Literature	1-3

Creative Writing

Code	Title	Credits
ENGL 220	Introduction to Creative Writing	3
ENGL 310	Intermediate Poetry Writing	3
ENGL 311	Intermediate Fiction/Nonfiction Writing	3
ENGL 410	Creative Writing Workshop - Poetry	3
ENGL 411	Creative Writing Workshop - Fiction	3
ENGL 412	Seminar in Nonfiction Writing	3
ENGL 413	Prose Writing Workshop-Topics	3

Linguistics

Code	Title	Credits
ENGL 121	Busting Language Myths	3
ENGL 221	Introductory English Linguistics	3
ENGL 321	Topics in the Structure of English	3
ENGL 325	Topics in Language in Society	3
ENGL 421	Seminar in Linguistic Research	3

Rhetorics of Science, Technology, and Culture

Code	Title	Credits
ENGL 212	Histories and Theories of Rhetoric	3
ENGL 307	Editing and Publications Management	3
ENGL 312	Topics in Rhetoric and Science	3
ENGL 313	Topics in Rhetoric and Technology	3
ENGL 314	Topics in Rhetoric and Culture	3
ENGL 315	Visual Rhetorics of Science, Technology, and Culture	3
ENGL 409	Grant Proposal Writing	3
ENGL 415	Seminar in Science and Nature Writing	3
ENGL 455	Seminar in Rhetorics of Science, Technology, and Culture	3

English, Creative Writing Emphasis, Major**Liberal Arts (Code 540-204)****University Requirements**

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		

Minimum total for graduation ¹	120
Upper division credits (courses numbered 300 and higher)	39
Liberal Education Core (p. 46)	36

Academic Concentrations (p. 50)**Grade Point Requirements (p. 49) ²**

Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average

Certificate	2.00 average
University Residency Requirements (p. 50) ³	
Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1)		Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal	
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal	
Service-Learning (p. 49)	30 hours

College Degree Requirements
Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Thirty-eight semester credits, including:

Core (11 credits)

ENGL 210	Introduction to Texts	5
ENGL 221	Introductory English Linguistics	3
ENGL 284	Introduction to Theory and Criticism	3

Emphasis Requirements (15 credits)

ENGL 220	Introduction to Creative Writing (with a grade of B or above)	3
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ENGL 310	Intermediate Poetry Writing	3
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ENGL 311	Intermediate Fiction/Nonfiction Writing	3
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Six credits from two of the following courses: 6

ENGL 410	Creative Writing Workshop - Poetry	
ENGL 411	Creative Writing Workshop - Fiction	
ENGL 412	Seminar in Nonfiction Writing	
ENGL 413	Prose Writing Workshop-Topics	
THEA 414	Playwriting	

Literature/Culture Requirements (12 credits)

Six credits from: 6

ENGL 245	American Literature Since 1945	
ENGL 273	Creative and Narrative Nonfiction	
ENGL 274	The Short Story	
ENGL 275	The Novel	
ENGL 276	Poetry	

Required:

Three credits of literature/culture at the 300- or 400-level	3
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Three credits of literature/culture at the 400-level	3
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Information for English Majors and Minors

British Literature/Culture before 1790

Code	Title	Credits
ENGL 252	Perspectives on Pre-1790 British Literature	3
ENGL 257	Representative Shakespeare	3
ENGL 351	Chaucer and His Age	3
ENGL 352	Topics in British Literature Before 1790	3
ENGL 357	Shakespearean Topics	3
ENGL 452	Seminar in Early British Literature	3

British Literature/Culture after 1790

Code	Title	Credits
ENGL 259	Perspectives on British Literature After 1790	3

ENGL 359	Topics in British Literature After 1790	3
ENGL 362	Studies in Transatlantic Romanticism	3
ENGL 459	Seminar in British Literature After 1790	3

American Literature/Culture before 1865

Code	Title	Credits
ENGL 243	American Literature to 1865	3
ENGL 340	Topics in American Literature to 1865	3
ENGL 440	Seminar in American Literature Before 1865	3

American Literature/Culture after 1865

Code	Title	Credits
ENGL 244	American Literature from 1865-1945	3
ENGL 245	American Literature Since 1945	3
ENGL 348	Topics in American Literature: 1865 - Present	3
ENGL 448	Seminar in American Literature Since 1865	3

World/Post-Colonial Literature/Culture

Code	Title	Credits
ENGL 130	Introduction to World/Postcolonial Literature	3
ENGL 230	Survey of World/Postcolonial Literature	3
ENGL 330	Topics in World/Postcolonial Literature	3
ENGL 430	Seminar in World/Postcolonial Literature	3
ENGL/WMNS 332	Women in African Literature	3

American Ethnic Literature/Culture

Code	Title	Credits
ENGL 268	Survey of American Ethnic Literature	3
ENGL 368	Topics in American Ethnic Literature	3
ENGL 468	Seminar in American Ethnic Literature	3
ENGL/AIS 142	Introduction to American Indian Literatures	3
ENGL/AIS 242	The American Indian in Literature and Film	3
ENGL/AIS 345	American Indian Autobiography	3
ENGL/AIS 346	Major Works in American Indian Literature	3

Women's Literature/Culture

Code	Title	Credits
ENGL 496	Seminar in Women's Literature	3
ENGL/WMNS 296	Perspectives on Women's Literature	3
ENGL/WMNS 396	Studies in Women's Literature	3

Theory, Film, and Popular Culture Studies

Code	Title	Credits
ENGL 181	Making Sense of the Movies	3-4
ENGL 272	Perspectives in Popular Texts	3
ENGL 281	Critical Perspectives on Film	3-4
ENGL 372	Topics in Popular Culture	3
ENGL 381	Critical Studies in Film and Culture	3-4
ENGL 384	Studies in Theory and Criticism	3

ENGL 481	Seminar in Film, Video, and Moving-Image Culture	3-4
ENGL 484	Seminar in Critical Theory	3

Additional Courses in Literature/Culture

Code	Title	Credits
ENGL 150	Introduction to Literature	3
ENGL 273	Creative and Narrative Nonfiction	3
ENGL 274	The Short Story	3
ENGL 275	The Novel	3
ENGL 276	Poetry	3
ENGL 277	Drama	3
ENGL 392	Major Themes in Literature	1-3

Creative Writing

Code	Title	Credits
ENGL 220	Introduction to Creative Writing	3
ENGL 310	Intermediate Poetry Writing	3
ENGL 311	Intermediate Fiction/Nonfiction Writing	3
ENGL 410	Creative Writing Workshop - Poetry	3
ENGL 411	Creative Writing Workshop - Fiction	3
ENGL 412	Seminar in Nonfiction Writing	3
ENGL 413	Prose Writing Workshop-Topics	3

Linguistics

Code	Title	Credits
ENGL 121	Busting Language Myths	3
ENGL 221	Introductory English Linguistics	3
ENGL 321	Topics in the Structure of English	3
ENGL 325	Topics in Language in Society	3
ENGL 421	Seminar in Linguistic Research	3

Rhetorics of Science, Technology, and Culture

Code	Title	Credits
ENGL 212	Histories and Theories of Rhetoric	3
ENGL 307	Editing and Publications Management	3
ENGL 312	Topics in Rhetoric and Science	3
ENGL 313	Topics in Rhetoric and Technology	3
ENGL 314	Topics in Rhetoric and Culture	3
ENGL 315	Visual Rhetorics of Science, Technology, and Culture	3
ENGL 409	Grant Proposal Writing	3
ENGL 415	Seminar in Science and Nature Writing	3
ENGL 455	Seminar in Rhetorics of Science, Technology, and Culture	3

English, Creative Writing, Minor

Liberal Arts (Code 540-412)

Twenty-six semester credits, including:

ENGL 210	Introduction to Texts	5
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Select six credits from the following: 6

ENGL 245	American Literature Since 1945	
ENGL 273	Creative and Narrative Nonfiction	
ENGL 274	The Short Story	

ENGL 275	The Novel	
ENGL 276	Poetry	

Required:

Three credits of literature/culture at the 300-level 3

ENGL 220 Introduction to Creative Writing 3

ENGL 310 Intermediate Poetry Writing 3

or ENGL 311 Intermediate Fiction/Nonfiction Writing 3

Three credits from: 3

ENGL 410 Creative Writing Workshop - Poetry 3

ENGL 411 Creative Writing Workshop - Fiction 3

ENGL 412 Seminar in Nonfiction Writing 3

ENGL 413 Prose Writing Workshop-Topics 3

THEA 414 Playwriting 3

Three additional English credits 3

Information for English Majors and Minors

British Literature/Culture before 1790

Code	Title	Credits
ENGL 252	Perspectives on Pre-1790 British Literature	3
ENGL 257	Representative Shakespeare	3
ENGL 351	Chaucer and His Age	3
ENGL 352	Topics in British Literature Before 1790	3
ENGL 357	Shakespearean Topics	3
ENGL 452	Seminar in Early British Literature	3

British Literature/Culture after 1790

Code	Title	Credits
ENGL 259	Perspectives on British Literature After 1790	3
ENGL 359	Topics in British Literature After 1790	3
ENGL 362	Studies in Transatlantic Romanticism	3
ENGL 459	Seminar in British Literature After 1790	3

American Literature/Culture before 1865

Code	Title	Credits
ENGL 243	American Literature to 1865	3
ENGL 340	Topics in American Literature to 1865	3
ENGL 440	Seminar in American Literature Before 1865	3

American Literature/Culture after 1865

Code	Title	Credits
ENGL 244	American Literature from 1865-1945	3
ENGL 245	American Literature Since 1945	3
ENGL 348	Topics in American Literature: 1865 - Present	3
ENGL 448	Seminar in American Literature Since 1865	3

World/Post-Colonial Literature/Culture

Code	Title	Credits
ENGL 130	Introduction to World/Postcolonial Literature	3
ENGL 230	Survey of World/Postcolonial Literature	3
ENGL 330	Topics in World/Postcolonial Literature	3
ENGL 430	Seminar in World/Postcolonial Literature	3

ENGL/WMNS 332	Women in African Literature	3
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American Ethnic Literature/Culture

Code	Title	Credits
ENGL 268	Survey of American Ethnic Literature	3
ENGL 368	Topics in American Ethnic Literature	3
ENGL 468	Seminar in American Ethnic Literature	3
ENGL/AIS 142	Introduction to American Indian Literatures	3
ENGL/AIS 242	The American Indian in Literature and Film	3
ENGL/AIS 345	American Indian Autobiography	3
ENGL/AIS 346	Major Works in American Indian Literature	3

Women's Literature/Culture

Code	Title	Credits
ENGL 496	Seminar in Women's Literature	3
ENGL/WMNS 296	Perspectives on Women's Literature	3
ENGL/WMNS 396	Studies in Women's Literature	3

Theory, Film, and Popular Culture Studies

Code	Title	Credits
ENGL 181	Making Sense of the Movies	3-4
ENGL 272	Perspectives in Popular Texts	3
ENGL 281	Critical Perspectives on Film	3-4
ENGL 372	Topics in Popular Culture	3
ENGL 381	Critical Studies in Film and Culture	3-4
ENGL 384	Studies in Theory and Criticism	3
ENGL 481	Seminar in Film, Video, and Moving-Image Culture	3-4
ENGL 484	Seminar in Critical Theory	3

Additional Courses in Literature/Culture

Code	Title	Credits
ENGL 150	Introduction to Literature	3
ENGL 273	Creative and Narrative Nonfiction	3
ENGL 274	The Short Story	3
ENGL 275	The Novel	3
ENGL 276	Poetry	3
ENGL 277	Drama	3
ENGL 392	Major Themes in Literature	1-3

Creative Writing

Code	Title	Credits
ENGL 220	Introduction to Creative Writing	3
ENGL 310	Intermediate Poetry Writing	3
ENGL 311	Intermediate Fiction/Nonfiction Writing	3
ENGL 410	Creative Writing Workshop - Poetry	3
ENGL 411	Creative Writing Workshop - Fiction	3
ENGL 412	Seminar in Nonfiction Writing	3
ENGL 413	Prose Writing Workshop-Topics	3

Linguistics

Code	Title	Credits
ENGL 121	Busting Language Myths	3
ENGL 221	Introductory English Linguistics	3
ENGL 321	Topics in the Structure of English	3
ENGL 325	Topics in Language in Society	3
ENGL 421	Seminar in Linguistic Research	3

Rhetorics of Science, Technology, and Culture

Code	Title	Credits
ENGL 212	Histories and Theories of Rhetoric	3
ENGL 307	Editing and Publications Management	3
ENGL 312	Topics in Rhetoric and Science	3
ENGL 313	Topics in Rhetoric and Technology	3
ENGL 314	Topics in Rhetoric and Culture	3
ENGL 315	Visual Rhetorics of Science, Technology, and Culture	3
ENGL 409	Grant Proposal Writing	3
ENGL 415	Seminar in Science and Nature Writing	3
ENGL 455	Seminar in Rhetorics of Science, Technology, and Culture	3

English, Critical Studies in Literatures, Cultures, and Film Emphasis, Major

Liberal Arts (Code 540-212)

University Requirements

Code	Title	Credits
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GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements	
Minimum total for graduation ¹	120
Upper division credits (courses numbered 300 and higher)	39
Liberal Education Core (p. 46)	36
Academic Concentrations (p. 50)	

Grade Point Requirements (p. 49) ²

Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50) ³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1)		Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the

MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Thirty-eight semester credits, including:

Core (11 credits)

ENGL 210	Introduction to Texts	5
ENGL 221	Introductory English Linguistics	3
ENGL 284	Introduction to Theory and Criticism	3

Emphasis Requirements

At least one course from five of the following areas (15 credits):

British literature/culture course before 1790
British literature/culture course after 1790
American literature/culture course before 1865
American literature/culture course after 1865
World/Post-Colonial literature/culture
American Ethnic literature/culture
Women's literature/culture
Theory, Film, and Popular Culture Studies

Additional Elective Credits in English (12 credits)

A minimum of six of these credits must come from any of the above areas; the remaining six credits may come from any ENGL course.

NOTE 1: Up to six credits may come from the 100- or 200-level, with no more than three credits from ENGL 121, ENGL 130, ENGL 142, ENGL 150, and ENGL 181.

NOTE 2: At least nine credits must be taken at the 400-level.

Information for English Majors and Minors

British Literature/Culture before 1790

Code	Title	Credits
ENGL 252	Perspectives on Pre-1790 British Literature	3
ENGL 257	Representative Shakespeare	3
ENGL 351	Chaucer and His Age	3
ENGL 352	Topics in British Literature Before 1790	3
ENGL 357	Shakespearean Topics	3
ENGL 452	Seminar in Early British Literature	3

British Literature/Culture after 1790

Code	Title	Credits
ENGL 259	Perspectives on British Literature After 1790	3
ENGL 359	Topics in British Literature After 1790	3
ENGL 362	Studies in Transatlantic Romanticism	3
ENGL 459	Seminar in British Literature After 1790	3

American Literature/Culture before 1865

Code	Title	Credits
ENGL 243	American Literature to 1865	3
ENGL 340	Topics in American Literature to 1865	3
ENGL 440	Seminar in American Literature Before 1865	3

American Literature/Culture after 1865

Code	Title	Credits
ENGL 244	American Literature from 1865-1945	3
ENGL 245	American Literature Since 1945	3
ENGL 348	Topics in American Literature: 1865 - Present	3
ENGL 448	Seminar in American Literature Since 1865	3

World/Post-Colonial Literature/Culture

Code	Title	Credits
ENGL 130	Introduction to World/Postcolonial Literature	3
ENGL 230	Survey of World/Postcolonial Literature	3
ENGL 330	Topics in World/Postcolonial Literature	3
ENGL 430	Seminar in World/Postcolonial Literature	3
ENGL/WMNS 332	Women in African Literature	3

American Ethnic Literature/Culture

Code	Title	Credits
ENGL 268	Survey of American Ethnic Literature	3
ENGL 368	Topics in American Ethnic Literature	3
ENGL 468	Seminar in American Ethnic Literature	3
ENGL/AIS 142	Introduction to American Indian Literatures	3
ENGL/AIS 242	The American Indian in Literature and Film	3
ENGL/AIS 345	American Indian Autobiography	3
ENGL/AIS 346	Major Works in American Indian Literature	3

Women's Literature/Culture

Code	Title	Credits
ENGL 496	Seminar in Women's Literature	3
ENGL/WMNS 296	Perspectives on Women's Literature	3
ENGL/WMNS 396	Studies in Women's Literature	3

Theory, Film, and Popular Culture Studies

Code	Title	Credits
ENGL 181	Making Sense of the Movies	3-4
ENGL 272	Perspectives in Popular Texts	3
ENGL 281	Critical Perspectives on Film	3-4
ENGL 372	Topics in Popular Culture	3
ENGL 381	Critical Studies in Film and Culture	3-4
ENGL 384	Studies in Theory and Criticism	3
ENGL 481	Seminar in Film, Video, and Moving-Image Culture	3-4
ENGL 484	Seminar in Critical Theory	3

Additional Courses in Literature/Culture

Code	Title	Credits
ENGL 150	Introduction to Literature	3
ENGL 273	Creative and Narrative Nonfiction	3
ENGL 274	The Short Story	3
ENGL 275	The Novel	3
ENGL 276	Poetry	3

ENGL 277	Drama	3
ENGL 392	Major Themes in Literature	1-3

Creative Writing

Code	Title	Credits
ENGL 220	Introduction to Creative Writing	3
ENGL 310	Intermediate Poetry Writing	3
ENGL 311	Intermediate Fiction/Nonfiction Writing	3
ENGL 410	Creative Writing Workshop - Poetry	3
ENGL 411	Creative Writing Workshop - Fiction	3
ENGL 412	Seminar in Nonfiction Writing	3
ENGL 413	Prose Writing Workshop-Topics	3

Linguistics

Code	Title	Credits
ENGL 121	Busting Language Myths	3
ENGL 221	Introductory English Linguistics	3
ENGL 321	Topics in the Structure of English	3
ENGL 325	Topics in Language in Society	3
ENGL 421	Seminar in Linguistic Research	3

Rhetorics of Science, Technology, and Culture

Code	Title	Credits
ENGL 212	Histories and Theories of Rhetoric	3
ENGL 307	Editing and Publications Management	3
ENGL 312	Topics in Rhetoric and Science	3
ENGL 313	Topics in Rhetoric and Technology	3
ENGL 314	Topics in Rhetoric and Culture	3
ENGL 315	Visual Rhetorics of Science, Technology, and Culture	3
ENGL 409	Grant Proposal Writing	3
ENGL 415	Seminar in Science and Nature Writing	3
ENGL 455	Seminar in Rhetorics of Science, Technology, and Culture	3

English, Critical Studies in Literatures, Cultures, and Film, Minor**Liberal Arts (Code 540-409)**

Twenty-six semester credits, including:

ENGL 210	Introduction to Texts	5
ENGL 221	Introductory English Linguistics	3
ENGL 284	Introduction to Theory and Criticism	3
15 credits of literature/culture (no more than six at the 200-level and no fewer than six at the 400-level)		15

Information for English Majors and Minors**British Literature/Culture before 1790**

Code	Title	Credits
ENGL 252	Perspectives on Pre-1790 British Literature	3
ENGL 257	Representative Shakespeare	3
ENGL 351	Chaucer and His Age	3
ENGL 352	Topics in British Literature Before 1790	3
ENGL 357	Shakespearean Topics	3
ENGL 452	Seminar in Early British Literature	3

British Literature/Culture after 1790

Code	Title	Credits
ENGL 259	Perspectives on British Literature After 1790	3
ENGL 359	Topics in British Literature After 1790	3
ENGL 362	Studies in Transatlantic Romanticism	3
ENGL 459	Seminar in British Literature After 1790	3

American Literature/Culture before 1865

Code	Title	Credits
ENGL 243	American Literature to 1865	3
ENGL 340	Topics in American Literature to 1865	3
ENGL 440	Seminar in American Literature Before 1865	3

American Literature/Culture after 1865

Code	Title	Credits
ENGL 244	American Literature from 1865-1945	3
ENGL 245	American Literature Since 1945	3
ENGL 348	Topics in American Literature: 1865 - Present	3
ENGL 448	Seminar in American Literature Since 1865	3

World/Post-Colonial Literature/Culture

Code	Title	Credits
ENGL 130	Introduction to World/Postcolonial Literature	3
ENGL 230	Survey of World/Postcolonial Literature	3
ENGL 330	Topics in World/Postcolonial Literature	3
ENGL 430	Seminar in World/Postcolonial Literature	3
ENGL/WMNS	Women in African Literature	3

American Ethnic Literature/Culture

Code	Title	Credits
ENGL 268	Survey of American Ethnic Literature	3
ENGL 368	Topics in American Ethnic Literature	3
ENGL 468	Seminar in American Ethnic Literature	3
ENGL/AIS 142	Introduction to American Indian Literatures	3
ENGL/AIS 242	The American Indian in Literature and Film	3
ENGL/AIS 345	American Indian Autobiography	3
ENGL/AIS 346	Major Works in American Indian Literature	3

Women's Literature/Culture

Code	Title	Credits
ENGL 496	Seminar in Women's Literature	3
ENGL/WMNS 296	Perspectives on Women's Literature	3
ENGL/WMNS 396	Studies in Women's Literature	3

Theory, Film, and Popular Culture Studies

Code	Title	Credits
ENGL 181	Making Sense of the Movies	3-4
ENGL 272	Perspectives in Popular Texts	3
ENGL 281	Critical Perspectives on Film	3-4
ENGL 372	Topics in Popular Culture	3
ENGL 381	Critical Studies in Film and Culture	3-4
ENGL 384	Studies in Theory and Criticism	3
ENGL 481	Seminar in Film, Video, and Moving-Image Culture	3-4
ENGL 484	Seminar in Critical Theory	3

Additional Courses in Literature/Culture

Code	Title	Credits
ENGL 150	Introduction to Literature	3
ENGL 273	Creative and Narrative Nonfiction	3
ENGL 274	The Short Story	3
ENGL 275	The Novel	3
ENGL 276	Poetry	3
ENGL 277	Drama	3
ENGL 392	Major Themes in Literature	1-3

Creative Writing

Code	Title	Credits
ENGL 220	Introduction to Creative Writing	3
ENGL 310	Intermediate Poetry Writing	3
ENGL 311	Intermediate Fiction/Nonfiction Writing	3
ENGL 410	Creative Writing Workshop - Poetry	3
ENGL 411	Creative Writing Workshop - Fiction	3
ENGL 412	Seminar in Nonfiction Writing	3
ENGL 413	Prose Writing Workshop-Topics	3

Linguistics

Code	Title	Credits
ENGL 121	Busting Language Myths	3
ENGL 221	Introductory English Linguistics	3
ENGL 321	Topics in the Structure of English	3

ENGL 325	Topics in Language in Society	3
ENGL 421	Seminar in Linguistic Research	3

Rhetorics of Science, Technology, and Culture

Code	Title	Credits
ENGL 212	Histories and Theories of Rhetoric	3
ENGL 307	Editing and Publications Management	3
ENGL 312	Topics in Rhetoric and Science	3
ENGL 313	Topics in Rhetoric and Technology	3
ENGL 314	Topics in Rhetoric and Culture	3
ENGL 315	Visual Rhetorics of Science, Technology, and Culture	3
ENGL 409	Grant Proposal Writing	3
ENGL 415	Seminar in Science and Nature Writing	3
ENGL 455	Seminar in Rhetorics of Science, Technology, and Culture	3

English, Early Adolescence/Adolescence, Minor**Teaching (Code 540-408)**

Twenty-six semester credits, including:

ENGL 210	Introduction to Texts	5
ENGL 257	Representative Shakespeare	3
or ENGL 357	Shakespearean Topics	
ENGL 319	Introduction to English Education Methods	3
ENGL 419	Seminar in English Education Methods	3
LMED 306	Literature For Adolescents	3
	Nine credits of literature/culture with no more than three at the 200-level	9

The English Teaching minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach English in Early Adolescence through Adolescence classrooms.

Information for English Majors and Minors**British Literature/Culture before 1790**

Code	Title	Credits
ENGL 252	Perspectives on Pre-1790 British Literature	3
ENGL 257	Representative Shakespeare	3
ENGL 351	Chaucer and His Age	3
ENGL 352	Topics in British Literature Before 1790	3
ENGL 357	Shakespearean Topics	3
ENGL 452	Seminar in Early British Literature	3

British Literature/Culture after 1790

Code	Title	Credits
ENGL 259	Perspectives on British Literature After 1790	3
ENGL 359	Topics in British Literature After 1790	3
ENGL 362	Studies in Transatlantic Romanticism	3
ENGL 459	Seminar in British Literature After 1790	3

American Literature/Culture before 1865

Code	Title	Credits
ENGL 243	American Literature to 1865	3
ENGL 340	Topics in American Literature to 1865	3
ENGL 440	Seminar in American Literature Before 1865	3

American Literature/Culture after 1865

Code	Title	Credits
ENGL 244	American Literature from 1865-1945	3
ENGL 245	American Literature Since 1945	3
ENGL 348	Topics in American Literature: 1865 - Present	3
ENGL 448	Seminar in American Literature Since 1865	3

World/Post-Colonial Literature/Culture

Code	Title	Credits
ENGL 130	Introduction to World/Postcolonial Literature	3
ENGL 230	Survey of World/Postcolonial Literature	3
ENGL 330	Topics in World/Postcolonial Literature	3
ENGL 430	Seminar in World/Postcolonial Literature	3
ENGL/WMNS 332	Women in African Literature	3

American Ethnic Literature/Culture

Code	Title	Credits
ENGL 268	Survey of American Ethnic Literature	3
ENGL 368	Topics in American Ethnic Literature	3
ENGL 468	Seminar in American Ethnic Literature	3
ENGL/AIS 142	Introduction to American Indian Literatures	3
ENGL/AIS 242	The American Indian in Literature and Film	3
ENGL/AIS 345	American Indian Autobiography	3
ENGL/AIS 346	Major Works in American Indian Literature	3

Women's Literature/Culture

Code	Title	Credits
ENGL 496	Seminar in Women's Literature	3
ENGL/WMNS 296	Perspectives on Women's Literature	3
ENGL/WMNS 396	Studies in Women's Literature	3

Theory, Film, and Popular Culture Studies

Code	Title	Credits
ENGL 181	Making Sense of the Movies	3-4
ENGL 272	Perspectives in Popular Texts	3
ENGL 281	Critical Perspectives on Film	3-4
ENGL 372	Topics in Popular Culture	3
ENGL 381	Critical Studies in Film and Culture	3-4
ENGL 384	Studies in Theory and Criticism	3
ENGL 481	Seminar in Film, Video, and Moving-Image Culture	3-4
ENGL 484	Seminar in Critical Theory	3

Additional Courses in Literature/Culture

Code	Title	Credits
ENGL 150	Introduction to Literature	3
ENGL 273	Creative and Narrative Nonfiction	3
ENGL 274	The Short Story	3
ENGL 275	The Novel	3
ENGL 276	Poetry	3
ENGL 277	Drama	3
ENGL 392	Major Themes in Literature	1-3

Creative Writing

Code	Title	Credits
ENGL 220	Introduction to Creative Writing	3
ENGL 310	Intermediate Poetry Writing	3
ENGL 311	Intermediate Fiction/Nonfiction Writing	3
ENGL 410	Creative Writing Workshop - Poetry	3
ENGL 411	Creative Writing Workshop - Fiction	3
ENGL 412	Seminar in Nonfiction Writing	3
ENGL 413	Prose Writing Workshop-Topics	3

Linguistics

Code	Title	Credits
ENGL 121	Busting Language Myths	3
ENGL 221	Introductory English Linguistics	3
ENGL 321	Topics in the Structure of English	3
ENGL 325	Topics in Language in Society	3
ENGL 421	Seminar in Linguistic Research	3

Rhetorics of Science, Technology, and Culture

Code	Title	Credits
ENGL 212	Histories and Theories of Rhetoric	3
ENGL 307	Editing and Publications Management	3
ENGL 312	Topics in Rhetoric and Science	3
ENGL 313	Topics in Rhetoric and Technology	3
ENGL 314	Topics in Rhetoric and Culture	3
ENGL 315	Visual Rhetorics of Science, Technology, and Culture	3
ENGL 409	Grant Proposal Writing	3
ENGL 415	Seminar in Science and Nature Writing	3
ENGL 455	Seminar in Rhetorics of Science, Technology, and Culture	3

English, Linguistics, Major**Liberal Arts (Code 540-205)****University Requirements**

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	

Grade Point Requirements (p. 49) ²

Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50) ³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
a minimum of 36 credits		
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-

level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Thirty-six semester credits, including:

Core (11 credits)

ENGL 210	Introduction to Texts	5
ENGL 221	Introductory English Linguistics	3
ENGL 284	Introduction to Theory and Criticism	3

Emphasis Requirements

Six linguistics courses

Required (at least one iteration of each of these three courses):

ENGL 321	Topics in the Structure of English ¹	3
ENGL 325	Topics in Language in Society ¹	3
ENGL 421	Seminar in Linguistic Research ¹	3

Elective options: 8

ANTH 315	Language in Culture and Society	
CSD 257	Normal Communication Development	
CSD 262	Phonetics: Theory and Application	
CSD 311	Language Development and Disorders: Related Disciplines	
FLG 365	Special Topics in Teaching English to Speakers of Other Languages	
FLG 378	Second Language Acquisition Theory	
PHIL 250	Symbolic Logic	
PHIL 322	Philosophy of Language	

Literature/Culture Requirements

Three literature/culture course, including at least: 9

One course from:

ENGL 243	American Literature to 1865	
ENGL 252	Perspectives on Pre-1790 British Literature	
ENGL 257	Representative Shakespeare	
ENGL 276	Poetry	
ENGL 340	Topics in American Literature to 1865	
ENGL 351	Chaucer and His Age	
ENGL 352	Topics in British Literature Before 1790	
ENGL 357	Shakespearean Topics	

One literature/culture course at the 300- or 400-level

1. Additional iterations of ENGL 321, ENGL 325, and ENGL 421 with a different topic may be counted in Elective options.

NOTE: No more than six credits from the 100- or 200-level, with no more than three credits from ENGL 121, ENGL 130, ENGL 142, ENGL 150, or ENGL 181.

Information for English Majors and Minors

British Literature/Culture before 1790

Code	Title	Credits
ENGL 252	Perspectives on Pre-1790 British Literature	3
ENGL 257	Representative Shakespeare	3
ENGL 351	Chaucer and His Age	3
ENGL 352	Topics in British Literature Before 1790	3
ENGL 357	Shakespearean Topics	3
ENGL 452	Seminar in Early British Literature	3

British Literature/Culture after 1790

Code	Title	Credits
ENGL 259	Perspectives on British Literature After 1790	3
ENGL 359	Topics in British Literature After 1790	3
ENGL 362	Studies in Transatlantic Romanticism	3
ENGL 459	Seminar in British Literature After 1790	3

American Literature/Culture before 1865

Code	Title	Credits
ENGL 243	American Literature to 1865	3
ENGL 340	Topics in American Literature to 1865	3
ENGL 440	Seminar in American Literature Before 1865	3

American Literature/Culture after 1865

Code	Title	Credits
ENGL 244	American Literature from 1865-1945	3
ENGL 245	American Literature Since 1945	3
ENGL 348	Topics in American Literature: 1865 - Present	3
ENGL 448	Seminar in American Literature Since 1865	3

World/Post-Colonial Literature/Culture

Code	Title	Credits
ENGL 130	Introduction to World/Postcolonial Literature	3
ENGL 230	Survey of World/Postcolonial Literature	3
ENGL 330	Topics in World/Postcolonial Literature	3
ENGL 430	Seminar in World/Postcolonial Literature	3
ENGL/WMNS 332	Women in African Literature	3

American Ethnic Literature/Culture

Code	Title	Credits
ENGL 268	Survey of American Ethnic Literature	3
ENGL 368	Topics in American Ethnic Literature	3
ENGL 468	Seminar in American Ethnic Literature	3
ENGL/AIS 142	Introduction to American Indian Literatures	3
ENGL/AIS 242	The American Indian in Literature and Film	3

ENGL/AIS 345	American Indian Autobiography	3
ENGL/AIS 346	Major Works in American Indian Literature	3

Women's Literature/Culture

Code	Title	Credits
ENGL 496	Seminar in Women's Literature	3
ENGL/WMNS 296	Perspectives on Women's Literature	3
ENGL/WMNS 396	Studies in Women's Literature	3

Theory, Film, and Popular Culture Studies

Code	Title	Credits
ENGL 181	Making Sense of the Movies	3-4
ENGL 272	Perspectives in Popular Texts	3
ENGL 281	Critical Perspectives on Film	3-4
ENGL 372	Topics in Popular Culture	3
ENGL 381	Critical Studies in Film and Culture	3-4
ENGL 384	Studies in Theory and Criticism	3
ENGL 481	Seminar in Film, Video, and Moving-Image Culture	3-4
ENGL 484	Seminar in Critical Theory	3

Additional Courses in Literature/Culture

Code	Title	Credits
ENGL 150	Introduction to Literature	3
ENGL 273	Creative and Narrative Nonfiction	3
ENGL 274	The Short Story	3
ENGL 275	The Novel	3
ENGL 276	Poetry	3
ENGL 277	Drama	3
ENGL 392	Major Themes in Literature	1-3

Creative Writing

Code	Title	Credits
ENGL 220	Introduction to Creative Writing	3
ENGL 310	Intermediate Poetry Writing	3
ENGL 311	Intermediate Fiction/Nonfiction Writing	3
ENGL 410	Creative Writing Workshop - Poetry	3
ENGL 411	Creative Writing Workshop - Fiction	3
ENGL 412	Seminar in Nonfiction Writing	3
ENGL 413	Prose Writing Workshop-Topics	3

Linguistics

Code	Title	Credits
ENGL 121	Busting Language Myths	3
ENGL 221	Introductory English Linguistics	3
ENGL 321	Topics in the Structure of English	3
ENGL 325	Topics in Language in Society	3
ENGL 421	Seminar in Linguistic Research	3

Rhetorics of Science, Technology, and Culture

Code	Title	Credits
ENGL 212	Histories and Theories of Rhetoric	3
ENGL 307	Editing and Publications Management	3
ENGL 312	Topics in Rhetoric and Science	3

ENGL 313	Topics in Rhetoric and Technology	3
ENGL 314	Topics in Rhetoric and Culture	3
ENGL 315	Visual Rhetorics of Science, Technology, and Culture	3
ENGL 409	Grant Proposal Writing	3
ENGL 415	Seminar in Science and Nature Writing	3
ENGL 455	Seminar in Rhetorics of Science, Technology, and Culture	3

English, Major - Teaching

Teaching (Code 540-210)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		

Credit Requirements

Minimum total for graduation ¹	120
Upper division credits (courses numbered 300 and higher)	39
Liberal Education Core (p. 46)	36
Academic Concentrations (p. 50)	

Grade Point Requirements (p. 49) ²

Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50) ³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average

Minor (for certification only) 2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		
WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	
WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students	
AND at least one oral communication course from the following:		
CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	
S2 (Mathematics)		
LE approved math course		
S3 (Creativity)		
ES 497	Field Experience Seminar (included in major)	2
R1 (Equity, Diversity, Inclusivity)		

ES 385	Social Foundations: Human Relations (included in major)	3
AND another learning experience		
R2 (Global Perspectives)		
One LE approved course		
R3 (Civic and Environmental Issues)		
One LE approved course		
IL (Integration)		
ES 497	Field Experience Seminar (included in major)	2
AND another learning experience		

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EA-A Licensure Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option B: EA-A Early Adolescence through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
Prescribed special methods course(s) (see approved majors and minors below)		
ES 445 & ES 470	Student Teaching in Middle Level Education and Student Teaching in Secondary Education	14
or ES 446	Internship Teaching in Middle Level Education	
or ES 475	Internship Teaching in Secondary Education	
ES 490	Historical, Legal, and Philosophical Foundations of Education	3

ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2

NOTE: Although majors must be from the approved list below, the second plan may be from the approved list. Students pursuing EA-A licensure are not required to elect a second plan that leads to a teaching license.

Approved Majors and Minors for Option B

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II Content Test Required
English	540-006	ENGL 319, ENGL 419		ETS 5038
Earth and Space Science	160-015 ¹	ES 359 (F)		ETS 5435
Mathematics	180-002	ES 357		ETS 5061
Physical Science ¹	240-004	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Physics-Mathematics ¹				ETS 5161 and ETS 5435 (regardless of emphasis)
Physics Emphasis	210-003	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Mathematics Emphasis	210-004	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Social Studies	500-XXX	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Majors	Code	Prescribed Methods Course	Additional Requirements	Praxis II Content Test Required
Biology ¹	080-205	ES 367 (Sp)	BIOL 180 or GEOG 178	ETS 5435
Chemistry ¹	100-204	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Economics	360-204	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
English	540-210	ENGL 319, ENGL 419		ETS 5038
Geography	140-213	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
History	380-206	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Mathematics	180-207	ES 357		ETS 5161
Physics ¹	230-205	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-203	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
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Biology	080-403	ES 367 (SP)	BIOL 180 or GEOG 178	ETS 5435
Chemistry	100-406	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Coaching	971-403	KINS 492		no addt'l exam
Economics	360-404	ES 356	BIOL 180 or GEOG 178	ETS 5081
English	540-408	ENGL 319, ENGL 419		ETS 5038
French	260-404	ES 366 (F) in language	Study abroad	WPT and OPI or OPic
Geography	140-413	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Geology	160-402	ES 359 (F)		
German	280-404	ES 366 (F)	Study abroad in language	WPT and OPI or OPic
History	380-404	ES 356 (SP)	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Learning Disabilities	950-471			ETS 5146
Library Science	960-403		EC-A licensure	no addt'l exam for this minor
Mathematics	180-407	ES 357		ETS 5161
Physics	230-403	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-403	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Sociology	480-404	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Spanish	320-405	ES 366 (F)	Study abroad in language	WPT and OPI or OPic
Teaching English to Speakers of Other Languages (TESOL)	550-408	ES 405 (F)	1 yr college level foreign language	ETS 0361
Theatre Arts	601-424	ES 361 (F)		ETS 0641

¹ Broadfield Science add-on certification is available with these majors and requires ES 359 (fall only) and ES 367 (spring only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Core (11 credits)

ENGL 210	Introduction to Texts	5
ENGL 221	Introductory English Linguistics	3
ENGL 284	Introduction to Theory and Criticism	3

Emphasis Requirements

LMED 306	Literature For Adolescents	3
ENGL 257	Representative Shakespeare	3
or ENGL 357	Shakespearean Topics	
ENGL 319	Introduction to English Education Methods	3
ENGL 419	Seminar in English Education Methods	3

Literature/Culture Requirements

15 credits of English Courses: 15

Minimum of nine credits from the following categories, but no more than two courses from any one category: British Literature/Culture, American Literature/Culture, World/Post-Colonial Literature/ Culture, American Ethnic Literature/Culture, or Women's Literature/Culture

Maximum of six credits from the following options and no more than one course from any categorical area: ENGL 397, Creative Writing, Rhetorics of Science, Technology, and Culture, Linguistics, or Theory and Film courses

No more than six credits from the 100- or 200-level, with no more than three credits from ENGL 121, ENGL 130, ENGL 142, ENGL 150, or ENGL 181.

At least three credits at the 400-level

The Standard English Teaching major is restricted to students in the College of Education and Human Sciences: Education Studies: EA-A (Option B) and leads to licensure to teach English in Early Adolescence through Adolescence classrooms. See Education Studies departmental pages for specific information on requirements for admission to the College of Education and Human Sciences and the Professional Semester. See your adviser or the English Teaching advising guide for specific information regarding English Department requirements for admission to the College of Education and Human Sciences and the Professional Semester.

Information for English Majors and Minors

British Literature/Culture before 1790

Code	Title	Credits
ENGL 252	Perspectives on Pre-1790 British Literature	3
ENGL 257	Representative Shakespeare	3
ENGL 351	Chaucer and His Age	3
ENGL 352	Topics in British Literature Before 1790	3
ENGL 357	Shakespearean Topics	3
ENGL 452	Seminar in Early British Literature	3

British Literature/Culture after 1790

Code	Title	Credits
ENGL 259	Perspectives on British Literature After 1790	3
ENGL 359	Topics in British Literature After 1790	3
ENGL 362	Studies in Transatlantic Romanticism	3
ENGL 459	Seminar in British Literature After 1790	3

American Literature/Culture before 1865

Code	Title	Credits
ENGL 243	American Literature to 1865	3
ENGL 340	Topics in American Literature to 1865	3
ENGL 440	Seminar in American Literature Before 1865	3

American Literature/Culture after 1865

Code	Title	Credits
ENGL 244	American Literature from 1865-1945	3
ENGL 245	American Literature Since 1945	3
ENGL 348	Topics in American Literature: 1865 - Present	3
ENGL 448	Seminar in American Literature Since 1865	3

World/Post-Colonial Literature/Culture

Code	Title	Credits
ENGL 130	Introduction to World/Postcolonial Literature	3
ENGL 230	Survey of World/Postcolonial Literature	3
ENGL 330	Topics in World/Postcolonial Literature	3
ENGL 430	Seminar in World/Postcolonial Literature	3
ENGL/WMNS 332	Women in African Literature	3

American Ethnic Literature/Culture

Code	Title	Credits
ENGL 268	Survey of American Ethnic Literature	3
ENGL 368	Topics in American Ethnic Literature	3
ENGL 468	Seminar in American Ethnic Literature	3
ENGL/AIS 142	Introduction to American Indian Literatures	3
ENGL/AIS 242	The American Indian in Literature and Film	3
ENGL/AIS 345	American Indian Autobiography	3
ENGL/AIS 346	Major Works in American Indian Literature	3

Women's Literature/Culture

Code	Title	Credits
ENGL 496	Seminar in Women's Literature	3
ENGL/WMNS 296	Perspectives on Women's Literature	3
ENGL/WMNS 396	Studies in Women's Literature	3

Theory, Film, and Popular Culture Studies

Code	Title	Credits
ENGL 181	Making Sense of the Movies	3-4
ENGL 272	Perspectives in Popular Texts	3
ENGL 281	Critical Perspectives on Film	3-4
ENGL 372	Topics in Popular Culture	3
ENGL 381	Critical Studies in Film and Culture	3-4
ENGL 384	Studies in Theory and Criticism	3
ENGL 481	Seminar in Film, Video, and Moving-Image Culture	3-4
ENGL 484	Seminar in Critical Theory	3

Additional Courses in Literature/Culture

Code	Title	Credits
ENGL 150	Introduction to Literature	3
ENGL 273	Creative and Narrative Nonfiction	3
ENGL 274	The Short Story	3
ENGL 275	The Novel	3
ENGL 276	Poetry	3

ENGL 277	Drama	3
ENGL 392	Major Themes in Literature	1-3

Creative Writing

Code	Title	Credits
ENGL 220	Introduction to Creative Writing	3
ENGL 310	Intermediate Poetry Writing	3
ENGL 311	Intermediate Fiction/Nonfiction Writing	3
ENGL 410	Creative Writing Workshop - Poetry	3
ENGL 411	Creative Writing Workshop - Fiction	3
ENGL 412	Seminar in Nonfiction Writing	3
ENGL 413	Prose Writing Workshop-Topics	3

Linguistics

Code	Title	Credits
ENGL 121	Busting Language Myths	3
ENGL 221	Introductory English Linguistics	3
ENGL 321	Topics in the Structure of English	3
ENGL 325	Topics in Language in Society	3
ENGL 421	Seminar in Linguistic Research	3

Rhetorics of Science, Technology, and Culture

Code	Title	Credits
ENGL 212	Histories and Theories of Rhetoric	3
ENGL 307	Editing and Publications Management	3
ENGL 312	Topics in Rhetoric and Science	3
ENGL 313	Topics in Rhetoric and Technology	3
ENGL 314	Topics in Rhetoric and Culture	3
ENGL 315	Visual Rhetorics of Science, Technology, and Culture	3
ENGL 409	Grant Proposal Writing	3
ENGL 415	Seminar in Science and Nature Writing	3
ENGL 455	Seminar in Rhetorics of Science, Technology, and Culture	3

English, Rhetorics of Science, Technology, and Culture Emphasis, Major

Liberal Arts (Code 540-211)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average

Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50)³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Thirty-six semester credits, including:

Core (11 credits)		
ENGL 210	Introduction to Texts	5
ENGL 221	Introductory English Linguistics	3
ENGL 284	Introduction to Theory and Criticism	3
Emphasis Requirements		
ENGL 212	Histories and Theories of Rhetoric	3
ENGL 455	Seminar in Rhetorics of Science, Technology, and Culture	3
Twelve credits from:		12
ENGL 307	Editing and Publications Management	
ENGL 312	Topics in Rhetoric and Science	
ENGL 313	Topics in Rhetoric and Technology	
ENGL 314	Topics in Rhetoric and Culture	
ENGL 315	Visual Rhetorics of Science, Technology, and Culture	
ENGL 409	Grant Proposal Writing	
ENGL 415	Seminar in Science and Nature Writing	
ENGL 498	Internship in Writing	
or three credits outside the department with advisor approval		
Literature/Culture Requirements		
Nine credits of literature/culture ¹		9

¹ No more than six credits from the 100- or 200-level, with no more than three credits from ENGL 130, ENGL 142, ENGL 150, or ENGL 181; no fewer than three credits from the 300- or 400-level.

Information for English Majors and Minors

British Literature/Culture before 1790

Code	Title	Credits
ENGL 252	Perspectives on Pre-1790 British Literature	3
ENGL 257	Representative Shakespeare	3
ENGL 351	Chaucer and His Age	3
ENGL 352	Topics in British Literature Before 1790	3
ENGL 357	Shakespearean Topics	3
ENGL 452	Seminar in Early British Literature	3

British Literature/Culture after 1790

Code	Title	Credits
ENGL 259	Perspectives on British Literature After 1790	3
ENGL 359	Topics in British Literature After 1790	3
ENGL 362	Studies in Transatlantic Romanticism	3
ENGL 459	Seminar in British Literature After 1790	3

American Literature/Culture before 1865

Code	Title	Credits
ENGL 243	American Literature to 1865	3
ENGL 340	Topics in American Literature to 1865	3
ENGL 440	Seminar in American Literature Before 1865	3

American Literature/Culture after 1865

Code	Title	Credits
ENGL 244	American Literature from 1865-1945	3
ENGL 245	American Literature Since 1945	3
ENGL 348	Topics in American Literature: 1865 - Present	3
ENGL 448	Seminar in American Literature Since 1865	3

World/Post-Colonial Literature/Culture

Code	Title	Credits
ENGL 130	Introduction to World/Postcolonial Literature	3
ENGL 230	Survey of World/Postcolonial Literature	3
ENGL 330	Topics in World/Postcolonial Literature	3
ENGL 430	Seminar in World/Postcolonial Literature	3
ENGL/WMNS 332	Women in African Literature	3

American Ethnic Literature/Culture

Code	Title	Credits
ENGL 268	Survey of American Ethnic Literature	3
ENGL 368	Topics in American Ethnic Literature	3
ENGL 468	Seminar in American Ethnic Literature	3
ENGL/AIS 142	Introduction to American Indian Literatures	3
ENGL/AIS 242	The American Indian in Literature and Film	3
ENGL/AIS 345	American Indian Autobiography	3
ENGL/AIS 346	Major Works in American Indian Literature	3

Women's Literature/Culture

Code	Title	Credits
ENGL 496	Seminar in Women's Literature	3
ENGL/WMNS 296	Perspectives on Women's Literature	3
ENGL/WMNS 396	Studies in Women's Literature	3

Theory, Film, and Popular Culture Studies

Code	Title	Credits
ENGL 181	Making Sense of the Movies	3-4
ENGL 272	Perspectives in Popular Texts	3
ENGL 281	Critical Perspectives on Film	3-4

ENGL 372	Topics in Popular Culture	3
ENGL 381	Critical Studies in Film and Culture	3-4
ENGL 384	Studies in Theory and Criticism	3
ENGL 481	Seminar in Film, Video, and Moving-Image Culture	3-4
ENGL 484	Seminar in Critical Theory	3

Additional Courses in Literature/Culture

Code	Title	Credits
ENGL 150	Introduction to Literature	3
ENGL 273	Creative and Narrative Nonfiction	3
ENGL 274	The Short Story	3
ENGL 275	The Novel	3
ENGL 276	Poetry	3
ENGL 277	Drama	3
ENGL 392	Major Themes in Literature	1-3

Creative Writing

Code	Title	Credits
ENGL 220	Introduction to Creative Writing	3
ENGL 310	Intermediate Poetry Writing	3
ENGL 311	Intermediate Fiction/Nonfiction Writing	3
ENGL 410	Creative Writing Workshop - Poetry	3
ENGL 411	Creative Writing Workshop - Fiction	3
ENGL 412	Seminar in Nonfiction Writing	3
ENGL 413	Prose Writing Workshop-Topics	3

Linguistics

Code	Title	Credits
ENGL 121	Busting Language Myths	3
ENGL 221	Introductory English Linguistics	3
ENGL 321	Topics in the Structure of English	3
ENGL 325	Topics in Language in Society	3
ENGL 421	Seminar in Linguistic Research	3

Rhetorics of Science, Technology, and Culture

Code	Title	Credits
ENGL 212	Histories and Theories of Rhetoric	3
ENGL 307	Editing and Publications Management	3
ENGL 312	Topics in Rhetoric and Science	3
ENGL 313	Topics in Rhetoric and Technology	3
ENGL 314	Topics in Rhetoric and Culture	3
ENGL 315	Visual Rhetorics of Science, Technology, and Culture	3
ENGL 409	Grant Proposal Writing	3
ENGL 415	Seminar in Science and Nature Writing	3
ENGL 455	Seminar in Rhetorics of Science, Technology, and Culture	3

English, Rhetorics of Science, Technology, and Culture, Minor**Liberal Arts (Code 540-414)**

Twenty-six semester credits, including:

ENGL 210	Introduction to Texts	5
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Six credits of literature/culture (no more than three credits at the 100- or 200-level, and no fewer than three credits at the 300-level)

ENGL 212	Histories and Theories of Rhetoric	3
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Select nine credits from the following:

ENGL 307	Editing and Publications Management	
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ENGL 312	Topics in Rhetoric and Science	
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ENGL 313	Topics in Rhetoric and Technology	
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ENGL 314	Topics in Rhetoric and Culture	
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ENGL 315	Visual Rhetorics of Science, Technology, and Culture	
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ENGL 409	Grant Proposal Writing	
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ENGL 415	Seminar in Science and Nature Writing	
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ENGL 498	Internship in Writing	
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or three credits outside the department with advisor approval

Required:

ENGL 455	Seminar in Rhetorics of Science, Technology, and Culture	3
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Information for English Majors and Minors**British Literature/Culture before 1790**

Code	Title	Credits
ENGL 252	Perspectives on Pre-1790 British Literature	3
ENGL 257	Representative Shakespeare	3
ENGL 351	Chaucer and His Age	3
ENGL 352	Topics in British Literature Before 1790	3
ENGL 357	Shakespearean Topics	3
ENGL 452	Seminar in Early British Literature	3

British Literature/Culture after 1790

Code	Title	Credits
ENGL 259	Perspectives on British Literature After 1790	3
ENGL 359	Topics in British Literature After 1790	3
ENGL 362	Studies in Transatlantic Romanticism	3
ENGL 459	Seminar in British Literature After 1790	3

American Literature/Culture before 1865

Code	Title	Credits
ENGL 243	American Literature to 1865	3
ENGL 340	Topics in American Literature to 1865	3
ENGL 440	Seminar in American Literature Before 1865	3

American Literature/Culture after 1865

Code	Title	Credits
ENGL 244	American Literature from 1865-1945	3

ENGL 245	American Literature Since 1945	3
ENGL 348	Topics in American Literature: 1865 - Present	3
ENGL 448	Seminar in American Literature Since 1865	3

World/Post-Colonial Literature/Culture

Code	Title	Credits
ENGL 130	Introduction to World/Postcolonial Literature	3
ENGL 230	Survey of World/Postcolonial Literature	3
ENGL 330	Topics in World/Postcolonial Literature	3
ENGL 430	Seminar in World/Postcolonial Literature	3
ENGL/WMNS 332	Women in African Literature	3

American Ethnic Literature/Culture

Code	Title	Credits
ENGL 268	Survey of American Ethnic Literature	3
ENGL 368	Topics in American Ethnic Literature	3
ENGL 468	Seminar in American Ethnic Literature	3
ENGL/AIS 142	Introduction to American Indian Literatures	3
ENGL/AIS 242	The American Indian in Literature and Film	3
ENGL/AIS 345	American Indian Autobiography	3
ENGL/AIS 346	Major Works in American Indian Literature	3

Women's Literature/Culture

Code	Title	Credits
ENGL 496	Seminar in Women's Literature	3
ENGL/WMNS 296	Perspectives on Women's Literature	3
ENGL/WMNS 396	Studies in Women's Literature	3

Theory, Film, and Popular Culture Studies

Code	Title	Credits
ENGL 181	Making Sense of the Movies	3-4
ENGL 272	Perspectives in Popular Texts	3
ENGL 281	Critical Perspectives on Film	3-4
ENGL 372	Topics in Popular Culture	3
ENGL 381	Critical Studies in Film and Culture	3-4
ENGL 384	Studies in Theory and Criticism	3
ENGL 481	Seminar in Film, Video, and Moving-Image Culture	3-4
ENGL 484	Seminar in Critical Theory	3

Additional Courses in Literature/Culture

Code	Title	Credits
ENGL 150	Introduction to Literature	3
ENGL 273	Creative and Narrative Nonfiction	3
ENGL 274	The Short Story	3
ENGL 275	The Novel	3
ENGL 276	Poetry	3
ENGL 277	Drama	3
ENGL 392	Major Themes in Literature	1-3

Creative Writing

Code	Title	Credits
ENGL 220	Introduction to Creative Writing	3
ENGL 310	Intermediate Poetry Writing	3
ENGL 311	Intermediate Fiction/Nonfiction Writing	3
ENGL 410	Creative Writing Workshop - Poetry	3
ENGL 411	Creative Writing Workshop - Fiction	3
ENGL 412	Seminar in Nonfiction Writing	3
ENGL 413	Prose Writing Workshop-Topics	3

Linguistics

Code	Title	Credits
ENGL 121	Busting Language Myths	3
ENGL 221	Introductory English Linguistics	3
ENGL 321	Topics in the Structure of English	3
ENGL 325	Topics in Language in Society	3
ENGL 421	Seminar in Linguistic Research	3

Rhetorics of Science, Technology, and Culture

Code	Title	Credits
ENGL 212	Histories and Theories of Rhetoric	3
ENGL 307	Editing and Publications Management	3
ENGL 312	Topics in Rhetoric and Science	3
ENGL 313	Topics in Rhetoric and Technology	3
ENGL 314	Topics in Rhetoric and Culture	3
ENGL 315	Visual Rhetorics of Science, Technology, and Culture	3
ENGL 409	Grant Proposal Writing	3
ENGL 415	Seminar in Science and Nature Writing	3
ENGL 455	Seminar in Rhetorics of Science, Technology, and Culture	3

Geography and Anthropology

Phillips 257
715-836-3244

www.uwec.edu/geography (<http://www.uwec.edu/geography>)

Geographers describe and explain the patterns and processes of natural environmental systems and the human habitation of the earth. They emphasize the importance of the location of people, places, and events; the physical and human characteristics of regions; and the relations between culture and environment.

With training in both the natural and social sciences, geographers have a wide range of career opportunities in public and private sectors. Geographers find work in urban and regional planning, marketing, real estate, tourism, transportation, teaching, environmental analysis, and natural resource management. Geographers are increasingly in demand for jobs that require expertise in geospatial techniques, such as geographic information systems (GIS), global positioning systems (GPS), remote sensing, and computer cartography.

The discipline of anthropology adopts an integrative, comprehensive approach to the study of humankind. Anthropologists seek to understand human conditions by examining the biological evolution of human beings, the human capacity to create culture, and the diverse ways of life developed by societies around the world.

Honor Societies, Student Organizations, and Internships

GTU: Gamma Theta Upsilon is an international honor society in geography.

Contact: Ryan Weichelt, weicherd@uwec.edu

Geography & Anthropology Club

Contact: Ezra Zeitler, zeitleej@uwec.edu, Ryan Weichelt, weicherd@uwec.edu, or Ari Anand, anandas@uwec.edu

Internship Opportunities

Contact: Christina Hupy, Internship Coordinator, hupycm@uwec.edu

Five Advanced Geography Approaches

Two semesters BEFORE graduation, students must meet with their Geography adviser to certify their selection of the courses needed for all Geography majors and minors.

Physical Geography Courses

GEOG 304	Introduction to Geomorphology	4
GEOG 340	Climatology	3
GEOG 345	Quaternary Environments	3
GEOG 350	Soils and the Environment	4
GEOG 355	Biogeography	4
GEOG 363	Watershed Analysis	4
GEOG 364	Fluvial Processes and Landforms	4

Human Geography Courses

GEOG 155	Economic Geography	3
GEOG 188	Cultural Landscapes of North America	3

GEOG 322	Native Geographies	3
GEOG 352	Business Geographics	3
GEOG 366	Geography International Immersion Experience	1-3
GEOG 367	Landscape Analysis: Cultural	3
GEOG 369	Geography of Food	3
GEOG 446	Political Geography	3
GEOG 470	Urban Geography	3

Human-Environmental Geography Courses

GEOG 270	Land Use Issues and Problems	3
GEOG 341	Weather and Society	3
GEOG 361	Environmental Hazards	3
GEOG 365	Tourism Geographies	3
GEOG 375	Environmental Quality	3
GEOG 378	International Environmental Problems and Policy	3
GEOG 388	Military Geography	3
GEOG 445	Historical Geography	3

Regional Geography Courses

GEOG 301	Geography of Western Europe	3
GEOG 308	Geography of Russia and Eastern Europe	3
GEOG 319	Geography of the Middle East and North Africa	3
GEOG 321	Geography of Latin America	3
GEOG 325	Geography of the United States and Canada	3
GEOG 379	Geography of Wisconsin	3

Geography Techniques Courses

GEOG 280	Cartographic Design	3
GEOG 335	Geographic Information Systems I	3
GEOG 336	Geospatial Field Methods	3
GEOG 337	Geographic Information Systems II	3
GEOG 338	Remote Sensing of the Environment	3
GEOG 339	Computer Mapping	3
GEOG 370	Quantitative Methods in Geography	3
GEOG 435	Geographic Information Systems III	3
GEOG 438	Advanced Remote Sensing	3
GEOG 455	Web Geographic Information Systems	3

Other Geography Courses

(can be applied to any of the five approaches with the consent of the adviser):

GEOG 351	Cross-Cultural Dynamics	3
GEOG 368	Geography Field Seminar	3
GEOG 395	Directed Studies	1-3
GEOG 399	Independent Study - Juniors	1-3
GEOG 491	Special Topics	1-3
GEOG 498	Geography Internship	1-3
GEOG 499	Independent Study - Seniors	1-3

Departmental Honors in Geography and Anthropology

The Department of Geography and Anthropology encourages and creates opportunities for all of its students to participate in research and creative learning activities with department faculty. Especially motivated and high-achieving students are invited to pursue Departmental Honors in Geography or Anthropology. The Departmental Honors Program enhances students' undergraduate experience, recognizes outstanding work and achievement, and can open up exceptional educational and professional opportunities.

Eligibility:

Must be a declared major or minor, have completed the core introductory courses (GEOG 104, GEOG 111, GEOG 178, and GEOG 200 or ANTH 161, ANTH 165, ANTH 169, and an area course), and have resident and major/minor GPAs of at least 3.50.

Application Procedures:

Student applicants should submit an electronic application for Departmental Honors in Geography or Anthropology to the Department Chair – through the applicant's advisor – for approval as soon as interested and eligible, but no later than prior to the start of the student's final semester before graduation. Department faculty and staff may also identify qualified students and encourage them to apply. The e-form application should elaborate on professional activities, research interests, and aspirations; an unofficial copy of transcripts should be attached. Final approval and recommendation for Departmental Honors will be made following satisfactory completion of all requirements (see below). Please see the Department Chair for more information and application details.

Requirements:

- Conduct research and disseminate results: Satisfactorily complete one substantial faculty-student research collaboration in Geography or Anthropology that results in
 - a presentation at a regional, national, or international professional conference; and
 - an oral presentation to be given to at least three members of the faculty in such forums as departmental capstone presentations, regional conferences, UW-Eau Claire's annual Provost's Honors Symposium or professionally comparable venues.
- Satisfactorily complete GEOG 401 or ANTH 499, to include a thesis or substantial paper written under the supervision of a Geography or Anthropology faculty member, or publish collaborative research results (see Requirement #1) in a peer-reviewed journal.
- Maintain a 3.5 cumulative resident GPA and a 3.5 GPA in Geography or Anthropology courses.

Faculty

Paul Kaldjian, Chair

Ari Anand
 Jeff DeGrave
 Douglas Faulkner
 Martin Goettl
 Sean Hartnett
 Christina Hupy
 Joseph Hupy
 Harry Jol
 Garry Running

Daniel Strouthes
 Ingolf Vogeler
 Ryan Weichelt
 Cyril Wilson
 Ezra Zeitler

Majors

- Comprehensive Major: Geography, Environmental Geography Emphasis - B.A./B.S. (p. 234)
- Comprehensive Major: Geography, Transnational Geographies Emphasis - B.A./B.S. (p. 240)
- Major: Geography - B.A./B.S. (p. 237)
- Comprehensive Major: Geospatial Analysis and Technology - B.A./B.S. (p. 244)

Minors

- Minor: Geography, Teaching (p. 240)

Certificates

- Certificate: Geospatial (p. 245)
- Certificate: Geospatial in Geographic Information Systems (p. 246)
- Certificate: Geospatial in Remote Sensing (p. 247)
- Certificate: Geospatial in Mapping (p. 246)

Geography, Environmental Geography, Comprehensive Major

Liberal Arts (Code 140-007)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the

MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Comprehensive Major

A minimum of 60 semester credits, including completion of:

GEOG 104	The Physical Environment	4
GEOG 111	Human Geography	3
GEOG 178	Conservation of the Environment	3
GEOG 200	Foundations of Geography	3
GEOG 335	Geographic Information Systems I	3
GEOG 370	Quantitative Methods in Geography	3
GEOG 401	Capstone Seminar	3

Five additional courses to be selected from three of five

Advanced Geography Approaches ¹

¹ One of the additional courses must be GEOG 368 - note that the Advanced Geography Approach to which it applies may vary by semester.

Environmental Geography

Geography major coursework plus 12 credits from environmental courses from other disciplines (selected with consent of adviser) 12

Geography electives to complete 60 credits; at least one elective must be an upper level Physical Geography course and one elective must be an upper level Human-Environmental Geography course

Advanced Geography Approaches

One year BEFORE graduation, Geography Majors must complete a form to certify their selected courses from the Advanced Geography Approaches. They must complete this form a second time one semester before graduation.

Physical Geography

Code	Title	Credits
GEOG 304	Introduction to Geomorphology	4
GEOG 340	Climatology	3
GEOG 345	Quaternary Environments	3
GEOG 350	Soils and the Environment	4
GEOG 355	Biogeography	4
GEOG 363	Watershed Analysis	4
GEOG 364	Fluvial Processes and Landforms	4

Human-Environmental Geography

Code	Title	Credits
GEOG 270	Land Use Issues and Problems	3
GEOG 341	Weather and Society	3
GEOG 361	Environmental Hazards	3
GEOG 365	Tourism Geographies	3
GEOG 375	Environmental Quality	3
GEOG 377	U.S. Environmental and Sustainability Policy	3
GEOG 378	International Environmental Problems and Policy	3

GEOG 388	Military Geography	3
GEOG 445	Historical Geography	3

Human Geography

Code	Title	Credits
GEOG 155	Economic Geography	3
GEOG 188	Cultural Landscapes of North America	3
GEOG 322	Native Geographies	3
GEOG 352	Business Geographics	3
GEOG 366	Geography International Immersion Experience	1-3
GEOG 367	Landscape Analysis: Cultural	3
GEOG 369	Geography of Food	3
GEOG 446	Political Geography	3
GEOG 470	Urban Geography	3

Geography Techniques

Code	Title	Credits
GEOG 280	Cartographic Design	3
GEOG 335	Geographic Information Systems I ¹	3
GEOG 336	Geospatial Field Methods	3
GEOG 337	Geographic Information Systems II	3
GEOG 338	Remote Sensing of the Environment	3
GEOG 339	Computer Mapping	3
GEOG 370	Quantitative Methods in Geography ¹	3
GEOG 435	Geographic Information Systems III	3
GEOG 438	Advanced Remote Sensing	3
GEOG 455	Web Geographic Information Systems	3

Regional Geography

Code	Title	Credits
GEOG 301	Geography of Western Europe	3
GEOG 308	Geography of Russia and Eastern Europe	3
GEOG 319	Geography of the Middle East and North Africa	3
GEOG 321	Geography of Latin America	3
GEOG 325	Geography of the United States and Canada	3
GEOG 379	Geography of Wisconsin	3

Other Geography Courses

Code	Title	Credits
GEOG 351	Cross-Cultural Dynamics	3
GEOG 368	Geography Field Seminar ¹	3
GEOG 395	Directed Studies	1-3
GEOG 399	Independent Study - Juniors	1-3
GEOG 491	Special Topics	1-3
GEOG 498	Geography Internship	1-3
GEOG 499	Independent Study - Seniors	1-3

¹ Required courses.

Geography, Major

Liberal Arts (Code 140-214)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		
Apply for graduation on CampS.		

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
a minimum of 36 credits		
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>)

Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>)

One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>)

Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>)

One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>)

One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>)

Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>)

One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>)

One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available)

may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

A minimum of 36 semester credits consisting of required courses:

GEOG 104	The Physical Environment	4
GEOG 111	Human Geography	3
GEOG 178	Conservation of the Environment	3
GEOG 200	Foundations of Geography	3
GEOG 335	Geographic Information Systems I	3
GEOG 370	Quantitative Methods in Geography	3
GEOG 401	Capstone Seminar	3

Five additional courses to be selected with consent of adviser from three of five Advanced Geography Approaches ¹

¹ One of the additional courses must be GEOG 368 - note that the Advanced Geography Approach to which it applies may vary by semester

Advanced Geography Approaches

One year BEFORE graduation, Geography Majors must complete a form to certify their selected courses from the Advanced Geography Approaches. They must complete this form a second time one semester before graduation.

Physical Geography

Code	Title	Credits
GEOG 304	Introduction to Geomorphology	4
GEOG 340	Climatology	3
GEOG 345	Quaternary Environments	3

GEOG 350	Soils and the Environment	4
GEOG 355	Biogeography	4
GEOG 363	Watershed Analysis	4
GEOG 364	Fluvial Processes and Landforms	4

Human-Environmental Geography

Code	Title	Credits
GEOG 270	Land Use Issues and Problems	3
GEOG 341	Weather and Society	3
GEOG 361	Environmental Hazards	3
GEOG 365	Tourism Geographies	3
GEOG 375	Environmental Quality	3
GEOG 377	U.S. Environmental and Sustainability Policy	3
GEOG 378	International Environmental Problems and Policy	3
GEOG 388	Military Geography	3
GEOG 445	Historical Geography	3

Human Geography

Code	Title	Credits
GEOG 155	Economic Geography	3
GEOG 188	Cultural Landscapes of North America	3
GEOG 322	Native Geographies	3
GEOG 352	Business Geographics	3
GEOG 366	Geography International Immersion Experience	1-3
GEOG 367	Landscape Analysis: Cultural	3
GEOG 369	Geography of Food	3
GEOG 446	Political Geography	3
GEOG 470	Urban Geography	3

Geography Techniques

Code	Title	Credits
GEOG 280	Cartographic Design	3
GEOG 335	Geographic Information Systems I ¹	3
GEOG 336	Geospatial Field Methods	3
GEOG 337	Geographic Information Systems II	3
GEOG 338	Remote Sensing of the Environment	3
GEOG 339	Computer Mapping	3
GEOG 370	Quantitative Methods in Geography ¹	3
GEOG 435	Geographic Information Systems III	3
GEOG 438	Advanced Remote Sensing	3
GEOG 455	Web Geographic Information Systems	3

Regional Geography

Code	Title	Credits
GEOG 301	Geography of Western Europe	3
GEOG 308	Geography of Russia and Eastern Europe	3
GEOG 319	Geography of the Middle East and North Africa	3
GEOG 321	Geography of Latin America	3

GEOG 325	Geography of the United States and Canada	3
GEOG 379	Geography of Wisconsin	3

Other Geography Courses

Code	Title	Credits
The following courses can be applied to any of the five approaches with consent of the adviser:		
GEOG 351	Cross-Cultural Dynamics	3
GEOG 368	Geography Field Seminar ¹	3
GEOG 395	Directed Studies	1-3
GEOG 399	Independent Study - Juniors	1-3
GEOG 491	Special Topics	1-3
GEOG 498	Geography Internship	1-3
GEOG 499	Independent Study - Seniors	1-3

¹ Required courses.

Geography, Minor - Liberal Arts

Liberal Arts (Code 140-410)

Twenty-four semester credits, including:

GEOG 104	The Physical Environment	4
GEOG 111	Human Geography	3
GEOG 178	Conservation of the Environment	3
GEOG 200	Foundations of Geography	3

Four courses to be selected with consent of adviser from three of the five Advanced Geography Approaches (see below)

Advanced Geography Approaches

One year BEFORE graduation, Geography Majors must complete a form to certify their selected courses from the Advanced Geography Approaches. They must complete this form a second time one semester before graduation.

Physical Geography

Code	Title	Credits
GEOG 304	Introduction to Geomorphology	4
GEOG 340	Climatology	3
GEOG 345	Quaternary Environments	3
GEOG 350	Soils and the Environment	4
GEOG 355	Biogeography	4
GEOG 363	Watershed Analysis	4
GEOG 364	Fluvial Processes and Landforms	4

Human-Environmental Geography

Code	Title	Credits
GEOG 270	Land Use Issues and Problems	3
GEOG 341	Weather and Society	3
GEOG 361	Environmental Hazards	3
GEOG 365	Tourism Geographies	3
GEOG 375	Environmental Quality	3
GEOG 377	U.S. Environmental and Sustainability Policy	3
GEOG 378	International Environmental Problems and Policy	3

GEOG 388	Military Geography	3
GEOG 445	Historical Geography	3

Human Geography

Code	Title	Credits
GEOG 155	Economic Geography	3
GEOG 188	Cultural Landscapes of North America	3
GEOG 322	Native Geographies	3
GEOG 352	Business Geographics	3
GEOG 366	Geography International Immersion Experience	1-3
GEOG 367	Landscape Analysis: Cultural	3
GEOG 369	Geography of Food	3
GEOG 446	Political Geography	3
GEOG 470	Urban Geography	3

Geography Techniques

Code	Title	Credits
GEOG 280	Cartographic Design	3
GEOG 335	Geographic Information Systems I ¹	3
GEOG 336	Geospatial Field Methods	3
GEOG 337	Geographic Information Systems II	3
GEOG 338	Remote Sensing of the Environment	3
GEOG 339	Computer Mapping	3
GEOG 370	Quantitative Methods in Geography ¹	3
GEOG 435	Geographic Information Systems III	3
GEOG 438	Advanced Remote Sensing	3
GEOG 455	Web Geographic Information Systems	3

Regional Geography

Code	Title	Credits
GEOG 301	Geography of Western Europe	3
GEOG 308	Geography of Russia and Eastern Europe	3
GEOG 319	Geography of the Middle East and North Africa	3
GEOG 321	Geography of Latin America	3
GEOG 325	Geography of the United States and Canada	3
GEOG 379	Geography of Wisconsin	3

Other Geography Courses

Code	Title	Credits
The following courses can be applied to any of the five approaches with consent of the adviser:		
GEOG 351	Cross-Cultural Dynamics	3
GEOG 368	Geography Field Seminar ¹	3
GEOG 395	Directed Studies	1-3
GEOG 399	Independent Study - Juniors	1-3
GEOG 491	Special Topics	1-3
GEOG 498	Geography Internship	1-3
GEOG 499	Independent Study - Seniors	1-3

¹ Required courses.

Geography, Minor - Teaching

Teaching (Code 140-413)

A minimum of 24 semester credits consisting of required courses:

GEOG 104	The Physical Environment	4
GEOG 111	Human Geography	3
GEOG 178	Conservation of the Environment	3
GEOG 200	Foundations of Geography	3

Four courses to be selected with consent of advisor from three of the five Advanced Geography Approaches (see below)

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Geography in Early Adolescence through Adolescence classrooms.

Advanced Geography Approaches

One year BEFORE graduation, Geography Majors must complete a form to certify their selected courses from the Advanced Geography Approaches. They must complete this form a second time one semester before graduation.

Physical Geography

Code	Title	Credits
GEOG 304	Introduction to Geomorphology	4
GEOG 340	Climatology	3
GEOG 345	Quaternary Environments	3
GEOG 350	Soils and the Environment	4
GEOG 355	Biogeography	4
GEOG 363	Watershed Analysis	4
GEOG 364	Fluvial Processes and Landforms	4

Human-Environmental Geography

Code	Title	Credits
GEOG 270	Land Use Issues and Problems	3
GEOG 341	Weather and Society	3
GEOG 361	Environmental Hazards	3
GEOG 365	Tourism Geographies	3
GEOG 375	Environmental Quality	3
GEOG 377	U.S. Environmental and Sustainability Policy	3
GEOG 378	International Environmental Problems and Policy	3
GEOG 388	Military Geography	3
GEOG 445	Historical Geography	3

Human Geography

Code	Title	Credits
GEOG 155	Economic Geography	3
GEOG 188	Cultural Landscapes of North America	3
GEOG 322	Native Geographies	3
GEOG 352	Business Geographics	3
GEOG 366	Geography International Immersion Experience	1-3
GEOG 367	Landscape Analysis: Cultural	3
GEOG 369	Geography of Food	3

GEOG 446	Political Geography	3
GEOG 470	Urban Geography	3

Geography Techniques

Code	Title	Credits
GEOG 280	Cartographic Design	3
GEOG 335	Geographic Information Systems I ¹	3
GEOG 336	Geospatial Field Methods	3
GEOG 337	Geographic Information Systems II	3
GEOG 338	Remote Sensing of the Environment	3
GEOG 339	Computer Mapping	3
GEOG 370	Quantitative Methods in Geography ¹	3
GEOG 435	Geographic Information Systems III	3
GEOG 438	Advanced Remote Sensing	3
GEOG 455	Web Geographic Information Systems	3

Regional Geography

Code	Title	Credits
GEOG 301	Geography of Western Europe	3
GEOG 308	Geography of Russia and Eastern Europe	3
GEOG 319	Geography of the Middle East and North Africa	3
GEOG 321	Geography of Latin America	3
GEOG 325	Geography of the United States and Canada	3
GEOG 379	Geography of Wisconsin	3

Other Geography Courses

Code	Title	Credits
The following courses can be applied to any of the five approaches with consent of the adviser:		
GEOG 351	Cross-Cultural Dynamics	3
GEOG 368	Geography Field Seminar ¹	3
GEOG 395	Directed Studies	1-3
GEOG 399	Independent Study - Juniors	1-3
GEOG 491	Special Topics	1-3
GEOG 498	Geography Internship	1-3
GEOG 499	Independent Study - Seniors	1-3

¹ Required courses.

Geography, Transnational Geographies, Comprehensive Major

Liberal Arts (Code 140-009)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39

Liberal Education Core (p. 46)	36
Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²	
Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average
University Residency Requirements (p. 50) ³	
Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

¹ Certain programs exceed this minimum.
² See special requirements in each College.
³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
a minimum of 36 credits		
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences	
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences	
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences	
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience	
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1)	Two (2) learning experiences	
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2)	One (1) learning experience	

One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3)	One (1) learning experiences
Responsibility Goal	
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3)	One (1) learning experiences
Integration Goal	
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1)	Two (2) learning experiences
Service-Learning Goal	
Service-Learning (p. 49)	30 hours

College Degree Requirements
Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign

language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Comprehensive Major

A minimum of 60 semester credits, including completion of the following:

GEOG 104	The Physical Environment	4
GEOG 111	Human Geography	3
GEOG 178	Conservation of the Environment	3
GEOG 200	Foundations of Geography	3
GEOG 335	Geographic Information Systems I	3
GEOG 370	Quantitative Methods in Geography	3
GEOG 401	Capstone Seminar	3

Five additional courses selected from three of five

Advanced Geography Approaches¹

¹ One of the additional courses must be GEOG 368 - note that the Advanced Geography Approach to which it applies may vary by semester.

Transnational Geographies

The Transnational Geographies Emphasis provides an opportunity for students interested in graduate work or employment in the areas of civic governance and policies, transnational work in the public or private sectors, and non-profit developmental organizations. It is intended for students who are interested in cultural difference, social justice, ethnographic field research, work or study abroad, or for those who desire strong preparation for graduate programs in human/cultural geography or anthropology. Requires completion of the core, the required credits, and departmental and non-departmental electives as listed below to total at least 60 credits. In addition to the requirements for the geography liberal education degree, students in the Transnational Emphasis must take:

One of the following that will count toward the geography elective. 3

GEOG/
ANTH 312

Space, Society, Subject¹

GEOG/
ANTH 313

¹

WMNS 335 Transnational/Global Feminisms 3

Three courses from the following two categories, and at least one from each:

Category I - Approach and Perspective 3-6

AIS 444 Indigenous Theory and Methodologies

ENGL 330 Topics in World/Postcolonial Literature

ES 385 Social Foundations: Human Relations

HIST 382 Imperialism Since 1800

WMNS 301 Examining Women's Studies

Category II - Thematic Content 3-6

AIS 343 Contemporary American Indian Communities

ECON 330 Economics of American Minorities

ECON/LAS 356 Economic Development of Latin America

ECON/
WMNS 357 Women and Economic Development

ENGL 130 Introduction to World/Postcolonial Literature

ENGL/AIS 142 Introduction to American Indian Literatures

ENGL 230 Survey of World/Postcolonial Literature

ENGL/AIS 242 The American Indian in Literature and Film

ENGL 268 Survey of American Ethnic Literature

ENGL/AIS 345 American Indian Autobiography

ENGL/AIS 346 Major Works in American Indian Literature

ENGL 368 Topics in American Ethnic Literature

FLTR/LAS 350 Latin American Literature in Translation

FLTR 392 Foreign Film as Cultural Expression

HIST/AIS 240 American Indian History

HIST/AIS 369 Wisconsin Indian History

HIST/LAS 311 Latin America Since Independence

HIST/WMNS 313 Gender, Sex, and Science in European History

HIST 292 Origins of Current World Conflicts

HIST 317 Studies in the History of Race in the U.S.

HIST 318 Studies in the History of European and Mediterranean Worlds

HIST 319 Studies in Comparative, Transnational and Pacific World History

HIST 325 History and Memory in Europe

HIST 326 Twentieth Century Europe, 1900 to Present

HIST 344 African American Civil Rights Movement, 1914-Present

HIST 345 Civil Rights and American Memory

HIST 360 Modern France

HIST 362 Modern Germany

HIST 366 History of Middle East Since Muhammad

HIST 375 Twentieth Century Russia

HIST 376	World War I and II Military
HIST 381	Comparative Genocide
HIST 383	Modern Africa
HIST 384	The Vietnam War
HIST 388	History of China
HIST 389	History of Japan
HIST 390	Local History, Global History
IDIS 302	Race and Racism in the USA
LAS/POLS 319	Politics of Latin America
LAS/POLS 320	Caribbean Politics
LAS/SPAN 352	Latin American Civilization
LAS/SPAN 354	Latin American Civilization Regional Focus
LAS 222	Introduction to U.S. Latino History and Culture
MUSI/AIS 319	North American Indian Music
MUSI 225	World Music
POLS 328	Islam and Politics
POLS 329	Political Violence
POLS 336	Arab-Israeli Conflict
POLS/WMNS 352	Gender and Politics in Global Perspective
RELS 309	Islam
RELS 312	Buddhism: Past and Present
RELS 313	Tibetan Buddhism
RELS 314	Hinduism
RELS 323	Chinese and Japanese Religions
RELS/AIS 330	Indigenous Religions of the Americas
SOC 312	Race and Ethnicity in the U.S.
SOC 366	Society in Contemporary China
WMNS/AIS 374	Ojibwe Women, Ecofeminism, and Botanical Knowledge
WMNS/ENGL 332	Women in African Literature
WMNS/RELS 203	Women and World Religions
WMNS 215	African-American Feminism in the Humanities

¹ Course in development

Advanced Geography Approaches

One year BEFORE graduation, Geography Majors must complete a form to certify their selected courses from the Advanced Geography Approaches. They must complete this form a second time one semester before graduation.

Physical Geography

Code	Title	Credits
GEOG 304	Introduction to Geomorphology	4
GEOG 340	Climatology	3
GEOG 345	Quaternary Environments	3

GEOG 350	Soils and the Environment	4
GEOG 355	Biogeography	4
GEOG 363	Watershed Analysis	4
GEOG 364	Fluvial Processes and Landforms	4

Human-Environmental Geography

Code	Title	Credits
GEOG 270	Land Use Issues and Problems	3
GEOG 341	Weather and Society	3
GEOG 361	Environmental Hazards	3
GEOG 365	Tourism Geographies	3
GEOG 375	Environmental Quality	3
GEOG 377	U.S. Environmental and Sustainability Policy	3
GEOG 378	International Environmental Problems and Policy	3
GEOG 388	Military Geography	3
GEOG 445	Historical Geography	3

Human Geography

Code	Title	Credits
GEOG 155	Economic Geography	3
GEOG 188	Cultural Landscapes of North America	3
GEOG 322	Native Geographies	3
GEOG 352	Business Geographics	3
GEOG 366	Geography International Immersion Experience	1-3
GEOG 367	Landscape Analysis: Cultural	3
GEOG 369	Geography of Food	3
GEOG 446	Political Geography	3
GEOG 470	Urban Geography	3

Geography Techniques

Code	Title	Credits
GEOG 280	Cartographic Design	3
GEOG 335	Geographic Information Systems I ¹	3
GEOG 336	Geospatial Field Methods	3
GEOG 337	Geographic Information Systems II	3
GEOG 338	Remote Sensing of the Environment	3
GEOG 339	Computer Mapping	3
GEOG 370	Quantitative Methods in Geography ¹	3
GEOG 435	Geographic Information Systems III	3
GEOG 438	Advanced Remote Sensing	3
GEOG 455	Web Geographic Information Systems	3

Regional Geography

Code	Title	Credits
GEOG 301	Geography of Western Europe	3
GEOG 308	Geography of Russia and Eastern Europe	3
GEOG 319	Geography of the Middle East and North Africa	3
GEOG 321	Geography of Latin America	3

GEOG 325	Geography of the United States and Canada	3
GEOG 379	Geography of Wisconsin	3

Other Geography Courses

Code	Title	Credits
The following courses can be applied to any of the five approaches with consent of the adviser:		
GEOG 351	Cross-Cultural Dynamics	3
GEOG 368	Geography Field Seminar ¹	3
GEOG 395	Directed Studies	1-3
GEOG 399	Independent Study - Juniors	1-3
GEOG 491	Special Topics	1-3
GEOG 498	Geography Internship	1-3
GEOG 499	Independent Study - Seniors	1-3

¹ Required courses.

Geospatial Analysis and Technology, Comprehensive Major

Liberal Arts (Code 141-001)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

The Geospatial Analysis and Technology major will ground students in current geographic and geospatial traditions in a multidisciplinary learning approach. This comprehensive major integrates tools and skills with an engaging curriculum and high impact practices such as internships and undergraduate research opportunities. It engages critical thinking both inside and outside the classroom. Specific areas of interest include Geographic Information Systems, Remote Sensing, LiDAR, Field Data Collection, Business Geographics, and Unmanned Aerial Systems.

Minimum of 60 semester credits including:

Introductory Geospatial Core

GEOG 104	The Physical Environment	4
GEOG 111	Human Geography	3
GEOG 135	Introduction to Geospatial Analysis	3
GEOG 200	Foundations of Geography	3
CS 170	Computing for the Sciences and Mathematics	3
IS 240	Information Systems in Business	3

Upper Division Geospatial Core

GEOG 335	Geographic Information Systems I	3
GEOG 336	Geospatial Field Methods	3
GEOG 337	Geographic Information Systems II	3
GEOG 338	Remote Sensing of the Environment	3
GEOG 370	Quantitative Methods in Geography	3
GEOG 401 or GEOG 498	Capstone Seminar Geography Internship	3
GEOG 435 or GEOG 438	Geographic Information Systems III Advanced Remote Sensing	3
Any 300 or 400 level non-geospatial geography course		3

Electives (at least 17 credits selected from the following partial list) ^{1,2} 17

BIOL 383	Statistical Analysis of Biological Data	
CS 319	Introduction to Web Programming	
ENGL 313	Topics in Rhetoric and Technology	
GEOG 352	Business Geographics	
GEOG 358	LiDAR Analysis & Applications	
GEOG 390	Unmanned Aerial Systems	
IS 304	Fundamentals of Business Programming	
IS 310	Systems Analysis and Design	

Total Credits 60

Footnotes:

- At least 6 elective credits must be from courses offered outside geography.
- Adviser consent is required to include non-geography geospatially-related elective courses.

Geospatial, Certificate

(Code 140-601)

The Department of Geography and Anthropology offers a Geospatial Certificate Program with Four Options: Geospatial Certificate, Geospatial Certificate in

Geographic Information Systems, Geospatial Certificate in Remote Sensing, and Geospatial Certificate in Mapping. The goals of the Certificate are:

1. to provide students with the fundamentals and a working knowledge of the core geospatial technology skills, specifically geographic information systems, remote sensing, field data collection (GPS and surveying) and spatial thinking,
2. to give students the option to specialize by choosing an emphasis in one of three different areas: Geographic Information Systems, Remote Sensing, or Computer Mapping, and
3. to expose students to ethical issues involved with the use of geospatial technology.

While the Certificate is targeted primarily at professionals in the workforce who want to further their education by adding this credential onto their existing degrees, it provides current UW-Eau Claire students an opportunity to add a specific high demand set of skills and associated credentials onto their already marketable liberal arts degree from UW-Eau Claire. Students can only receive one of the three specialized certificates due to the potential overlap between the electives. Also, students cannot pursue the Geography Major and any of the Geospatial Certificates to meet graduation requirements for completing a first and second degree program. For advising, see Professor C. Hupy (Geography and Anthropology).

All students will take these four core courses.

Twelve semester credits, including:

GEOG 335	Geographic Information Systems I	3
GEOG 336	Geospatial Field Methods	3
GEOG 337	Geographic Information Systems II	3
GEOG 338	Remote Sensing of the Environment	3
Total Credits		12

Students who wish to specialize can choose one of the following options.

- Geospatial Certificate in Geographic Information Systems (p. 246)
- Geospatial Certificate in Remote Sensing (p. 247)
- Geospatial Certificate in Mapping (p. 246)

Geospatial, Geographic Information Systems, Certificate

(Code 140-602)

The Department of Geography and Anthropology offers a Geospatial Certificate Program with Four Options: Geospatial Certificate, Geospatial Certificate in Geographic Information Systems, Geospatial Certificate in Remote Sensing, and Geospatial Certificate in Mapping. The goals of the Certificate are:

1. to provide students with the fundamentals and a working knowledge of the core geospatial technology skills, specifically geographic information systems, remote sensing, field data collection (GPS and surveying) and spatial thinking,
2. to give students the option to specialize by choosing an emphasis in one of three different areas: Geographic Information Systems, Remote Sensing, or Computer Mapping, and
3. to expose students to ethical issues involved with the use of geospatial technology.

While the Certificate is targeted primarily at professionals in the workforce who want to further their education by adding this credential onto their existing degrees, it provides current UW-Eau Claire students an opportunity to add a specific high demand set of skills and associated credentials onto their already marketable liberal arts degree from UW-Eau Claire. Students can only receive one of the three specialized certificates due to the potential overlap between the electives. Also, students cannot pursue the Geography Major and any of the Geospatial Certificates to meet graduation requirements for completing a first and second degree program. For advising, see Professor C. Hupy (Geography and Anthropology).

Eighteen semester credits, including:

GEOG 335	Geographic Information Systems I	3
GEOG 336	Geospatial Field Methods	3
GEOG 337	Geographic Information Systems II	3
GEOG 338	Remote Sensing of the Environment	3
GEOG 435	Geographic Information Systems III	3

Electives, select one of the following:

GEOG 370	Quantitative Methods in Geography
GEOG 455	Web Geographic Information Systems

Geospatial, Mapping, Certificate

(Code 140-604)

The Department of Geography and Anthropology offers a Geospatial Certificate Program with Four Options: Geospatial Certificate, Geospatial Certificate in Geographic Information Systems, Geospatial Certificate in Remote Sensing, and Geospatial Certificate in Mapping. The goals of the Certificate are:

1. to provide students with the fundamentals and a working knowledge of the core geospatial technology skills, specifically geographic information systems, remote sensing, field data collection (GPS and surveying) and spatial thinking,
2. to give students the option to specialize by choosing an emphasis in one of three different areas: Geographic Information Systems, Remote Sensing, or Computer Mapping, and
3. to expose students to ethical issues involved with the use of geospatial technology.

While the Certificate is targeted primarily at professionals in the workforce who want to further their education by adding this credential onto their existing degrees, it provides current UW-Eau Claire students an opportunity to add a specific high demand set of skills and associated credentials onto their already marketable liberal arts degree from UW-Eau Claire. Students can only receive one of the three specialized certificates due to the potential overlap between the electives. Also, students cannot pursue the Geography Major and any of the Geospatial Certificates to meet graduation requirements for completing a first and second degree program. For advising, see Professor C. Hupy (Geography and Anthropology).

Eighteen semester credits, including:

GEOG 335	Geographic Information Systems I	3
GEOG 336	Geospatial Field Methods	3
GEOG 337	Geographic Information Systems II	3
GEOG 338	Remote Sensing of the Environment	3
GEOG 339	Computer Mapping	3

Electives, select one of the following:

GEOG 370 Quantitative Methods in Geography
 GEOG 455 Web Geographic Information Systems

Geospatial, Remote Sensing, Certificate

(Code 140-603)

The Department of Geography and Anthropology offers a Geospatial Certificate Program with Four Options: Geospatial Certificate, Geospatial Certificate in Geographic Information Systems, Geospatial Certificate in Remote Sensing, and Geospatial Certificate in Mapping. The goals of the Certificate are:

1. to provide students with the fundamentals and a working knowledge of the core geospatial technology skills, specifically geographic information systems, remote sensing, field data collection (GPS and surveying) and spatial thinking,
2. to give students the option to specialize by choosing an emphasis in one of three different areas: Geographic Information Systems, Remote Sensing, or Computer Mapping, and
3. to expose students to ethical issues involved with the use of geospatial technology.

While the Certificate is targeted primarily at professionals in the workforce who want to further their education by adding this credential onto their existing degrees, it provides current UW-Eau Claire students an opportunity to add a specific high demand set of skills and associated credentials onto their already marketable liberal arts degree from UW-Eau Claire. Students can only receive one of the three specialized certificates due to the potential overlap between the electives. Also, students cannot pursue the Geography Major and any of the Geospatial Certificates to meet graduation requirements for completing a first and second degree program. For advising, see Professor C. Hupy (Geography and Anthropology).

Eighteen semester credits, including:

GEOG 335	Geographic Information Systems I	3
GEOG 336	Geospatial Field Methods	3
GEOG 337	Geographic Information Systems II	3
GEOG 338	Remote Sensing of the Environment	3
GEOG 438	Advanced Remote Sensing	3

Electives, select one of the following:

GEOG 435 Geographic Information Systems III
 GEOG 455 Web Geographic Information Systems

Geology

Phillips 157
 715-836-3732
www.uwec.edu/geology (<http://www.uwec.edu/geology>)

Honor Societies and Student Organizations

The Geology Department offers one student organization. The Geology Club is open to all majors and minors. Geology students participate in group activities through the club, organize the annual spring banquet, and participate in service activities. Please visit the department office for more information.

Geology is the study of the earth and earth processes. Geologists work to solve environmental problems and supervise the exploration and development of earth resources. They are employed in industry, by governmental and regulatory agencies, and as educators. Although most professions in geology require graduate school training, a bachelor's degree in geology allows options in other professional fields such as environmental geology and resource law and engineering. The Geology Department provides a rigorous but flexible program, and stresses the importance of a broad science curriculum. A curriculum balancing field and laboratory experience is tailored to meet the needs of each individual. The geology major is flexible enough to allow individual students to customize their program. Examples of customized programs (to be designed working with an adviser) include Marine Geology, Geochemistry, and Geophysics.

Departmental Honors Programs in Geology

Entrance Requirements: Admission is by departmental invitation, usually upon completion of Geology 470. In order to be considered, Geology majors should carry a 3.5 cumulative GPA and a 3.5 GPA in Geology courses.

Requirements for Continued Participation: Students should maintain a minimum 3.5 cumulative GPA and a 3.5 GPA in Geology courses.

Graduation Requirements:

1. Satisfactorily complete one substantial faculty–student research collaboration in Geology that results in a presentation at a regional, national, or international professional conference.
2. Satisfactorily complete GEOL 395, GEOL 399, or GEOL 499, which include an Honors capstone thesis or substantial paper written under the supervision of a Geology faculty member, or publish the collaborative research results in a peer-reviewed journal.
3. Maintain a 3.5 cumulative GPA and a 3.5 GPA in Geology courses.

Satisfactory/Unsatisfactory Policy.

No degree credit may be earned under the Satisfactory/Unsatisfactory option in any required courses in a geology major or minor.

Faculty

Kent Syverson, Chair

Scott K. Clark
 Karen Havholm
 Robert Hooper
 Phillip Ihinger
 Robert W.D. Lodge
 J. Brian Mahoney

Geoffrey Pignotta
Lori Snyder

Majors

- Comprehensive Major: Geology, General Geology Emphasis, Liberal Arts - B.A./B.S. (p. 256)
- Comprehensive Major: Geology, Hydrogeology and Water Chemistry Emphasis, Liberal Arts - B.A./B.S. (p. 258)
- Comprehensive Major: Geology, Environmental Science Emphasis, Liberal Arts - B.A./B.S. (p. 254)
- Comprehensive Major: Geology, Dual Degree Geological Engineering Emphasis, Liberal Arts - B.A./B.S. (p. 248)
- Comprehensive Major: Geology, Earth and Space Science Emphasis, Teaching - B.S. (p. 250)
- Major: Geology, Liberal Arts - B.A./B.S. (p. 260)

Minors

- Minor: Geology, Liberal Arts (p. 262)
- Minor: Geology, Teaching (p. 262)

Geology, Dual Degree Geological Engineering Emphasis, Comprehensive Major

Liberal Arts (Code 160-014)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		
Apply for graduation on CampS.		

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
a minimum of 36 credits		
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
	Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
	Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal		
	Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
	Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
	Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal		
	Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
	Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
	Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal		
	Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal		
	Service-Learning (p. 49)	30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

The objective of the comprehensive major in geology is to prepare students for graduate programs in geological sciences or for careers as professional geologists, hydrogeologists, or geological engineers. The liberal arts comprehensive major requires completion of the Core and one of the five Emphases listed below.

NOTE: Communication classes, both written and oral, are strongly recommended to fulfill liberal education requirements in any of the following emphases.

Core Requirements for all Liberal Arts and Teaching Emphases in the Comprehensive Geology Major

Code	Title	Credits
23-25 credits		
Select one of the following:		4
GEOL 106	Earth Science	
GEOL 110	Physical Geology	
GEOL 115	Environmental Geology	
GEOL 118	Societal Issues in Earth Science	
Required:		
GEOL 312	Mineralogy and Petrology I	5
GEOL 320	Sedimentology and Stratigraphy	4
GEOL 468	Computers in Geology	1
GEOL 470	Field Geology I	3
CHEM 115	Chemical Principles (or equivalent)	6
Capstone Experience ¹		0-2

¹ Each major is required to complete a capstone experience.

For liberal arts majors, the capstone options may include: GEOL 395 (for a minimum of two credits) or GEOL 471. The capstone will consist of student selection of one of the following options: faculty/student collaborative research, preparation and presentation of a department seminar, internship, field experiences, or other approved experiences. Students working with their adviser will submit a proposal to the department faculty outlining their choice of the capstone experience and explicitly stating how the capstone fits into their personal career goals. The proposal for a capstone experience must be submitted to the chair of the department no later than the second week of the first semester of the senior year.

For teaching majors, the capstone may be satisfied by successful completion of the professional semester in the College of Education and Human Sciences.

Dual Degree Geological Engineering Emphasis

This emphasis combines the benefits of a traditional geology degree with those of a formal engineering education. In this program students receive a UW-Eau Claire geology degree in conjunction with a bachelor's degree in engineering from the University of Minnesota. Students will typically complete most of the UW-Eau Claire University requirements and Dual Degree geology requirements while at UW-Eau Claire before transferring to the engineering school. Students must complete a minimum of 84 semester credits before transferring to the engineering school, 56 of which must be taken in residence at UW-Eau Claire.

This emphasis comprises the geology Core plus the required credits as listed below. Successful completion of Geol 470 with a grade of C or above will constitute completion of the capstone experience. Students should visit the department office for a sample course schedule that would allow them to

complete three full years at UW-Eau Claire and be prepared to transfer to the University of Minnesota for an additional one to two years.

Students must fulfill the liberal education requirements of both UW-Eau Claire and the University of Minnesota. This can be accomplished in a reasonable manner with careful course selection. Please see Geology advisor.

Required Courses

GEOL 315	Hydrogeology I	4
GEOL 330	Structural Geology	4
GEOL 345	Geomorphology and Aerial Photography Interpretation	3
or GEOL 420	Glacial Geology	
GEOL 461	Applied Geophysics	4
MATH 215	Calculus II	4
MATH 216	Calculus III	4
PHYS 231	University Physics I	5
PHYS 232	University Physics II	5
PHYS 255	Statics	3

For students planning to practice as professional engineers, GEOG 335; GEOL 416 at UW-Eau Claire or equivalent courses at University of Minnesota are strongly recommended.

NOTE: Students should plan on taking MATH 311 (UW-Eau Claire; Differential Equations) or Math 2243 (University of Minnesota; Differential Equations and Linear Algebra) prior to the first semester at University of Minnesota. Differential Equations is a prerequisite for the fluid mechanics course which is to be taken during the first semester at UM.

Geology, Earth and Space Science Emphasis, Comprehensive Major - Teaching

Teaching (Code 160-015)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12

Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on Camp5.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

**College Degree Requirements
University Requirements in Teacher Education in
the College of Education and Human Sciences**

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		

WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing
WRIT 116	Blugold Seminar in Critical Reading and Writing
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students
AND at least one oral communication course from the following:	
CJ 201	Introduction to Interpersonal Communication
CJ 202	Fundamentals of Speech
CJ 203	Fundamentals of Human Communication

S2 (Mathematics)

LE approved math course

S3 (Creativity)

ES 497	Field Experience Seminar (included in major)	2
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R1 (Equity, Diversity, Inclusivity)

ES 385	Social Foundations: Human Relations (included in major)	3
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AND another learning experience

R2 (Global Perspectives)

One LE approved course

R3 (Civic and Environmental Issues)

One LE approved course

IL (Integration)

ES 497	Field Experience Seminar (included in major)	2
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AND another learning experience

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

**Teaching Licensure Requirements -
EA-A Licensure
Program Options B and C**

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option B: EA-A
Early Adolescence through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
Prescribed special methods course(s) (see approved majors and minors below)		
ES 445 & ES 470	Student Teaching in Middle Level Education and Student Teaching in Secondary Education	14
or ES 446	Internship Teaching in Middle Level Education	
or ES 475	Internship Teaching in Secondary Education	
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2

NOTE: Although majors must be from the approved list below, the second plan may be from the approved list. Students pursuing EA-A licensure are not required to elect a second plan that leads to a teaching license.

Approved Majors and Minors for Option B

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II Content Test Required
English	540-006	ENGL 319, ENGL 419		ETS 5038
Earth and Space Science	160-015 ¹	ES 359 (F)		ETS 5435
Mathematics	180-002	ES 357		ETS 5061
Physical Science ¹	240-004	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Physics-Mathematics ¹				ETS 5161 and ETS 5435 (regardless of emphasis)
Physics Emphasis	210-003	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Mathematics Emphasis	210-004	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Social Studies	500-XXX	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Majors	Code	Prescribed Methods Course	Additional Requirements	Praxis II Content Test Required
Biology ¹	080-205	ES 367 (Sp)	BIOL 180 or GEOG 178	ETS 5435

Chemistry ¹	100-204	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Economics	360-204	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
English	540-210	ENGL 319, ENGL 419		ETS 5038
Geography	140-213	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
History	380-206	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Mathematics	180-207	ES 357		ETS 5161
Physics ¹	230-205	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-203	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
Biology	080-403	ES 367 (SP)	BIOL 180 or GEOG 178	ETS 5435
Chemistry	100-406	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Coaching	971-403	KINS 492		no addt'l exam
Economics	360-404	ES 356	BIOL 180 or GEOG 178	ETS 5081
English	540-408	ENGL 319, ENGL 419		ETS 5038
French	260-404	ES 366 (F) in language	Study abroad	WPT and OPI or OPIc
Geography	140-413	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Geology	160-402	ES 359 (F)		
German	280-404	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
History	380-404	ES 356 (SP)	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Learning Disabilities	950-471			ETS 5146
Library Science	960-403		EC-A licensure	no addt'l exam for this minor
Mathematics	180-407	ES 357		ETS 5161
Physics	230-403	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-403	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Sociology	480-404	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Spanish	320-405	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
Teaching English to Speakers of Other Languages (TESOL)	550-408	ES 405 (F)	1 yr college level foreign language	ETS 0361
Theatre Arts	601-424	ES 361 (F)		ETS 0641

¹ Broadfield Science add-on certification is available with these majors and requires ES 359 (fall only) and ES 367 (spring only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Core Requirements for all Liberal Arts and Teaching Emphases in the Comprehensive Geology Major

Code	Title	Credits
23-25 credits		
Select one of the following:		4
GEOL 106	Earth Science	
GEOL 110	Physical Geology	
GEOL 115	Environmental Geology	
GEOL 118	Societal Issues in Earth Science	
Required:		
GEOL 312	Mineralogy and Petrology I	5
GEOL 320	Sedimentology and Stratigraphy	4
GEOL 468	Computers in Geology	1
GEOL 470	Field Geology I	3
CHEM 115	Chemical Principles (or equivalent)	6
Capstone Experience ¹		0-2

¹ Each major is required to complete a capstone experience.

For liberal arts majors, the capstone options may include: GEOL 395 (for a minimum of two credits) or GEOL 471. The capstone will consist of student selection of one of the following options: faculty/student collaborative research, preparation and presentation of a department seminar, internship, field experiences, or other approved experiences. Students working with their adviser will submit a proposal to the department faculty outlining their choice of the capstone experience and explicitly stating how the capstone fits into their personal career goals. The proposal for a capstone experience must be submitted to the chair of the department no later than the second week of the first semester of the senior year.

For teaching majors, the capstone may be satisfied by successful completion of the professional semester in the College of Education and Human Sciences.

Earth and Space Science Emphasis

This emphasis is for students planning to teach Earth and Space Science at the middle or high school level. In addition to a focus on geology, oceanography, astronomy, and meteorology, this major also provides the breadth required to

be well-rounded in science. This emphasis includes the Core plus required and elective credits as listed below.

Sixty semester credits, including the core and the following:

Required Courses		
GEOL 102	Oceanography	3
GEOL 301	Earth Resources	3
or GEOL 308	Water Resources	
GEOL 418	Earth History	4
PHYS 211	General Physics	5
or PHYS 231	University Physics I	
PHYS 226	Astronomy-Solar System	4
MATH 114	Calculus I	4
GEOG 178	Conservation of the Environment	3
or BIOL 180	Environmental Biology and Conservation	
GEOG 340	Climatology	3
GEOG 361	Environmental Hazards	3

Plus electives to total at least 60 credits selected from the following:

PHYS 212	General Physics	
or PHYS 232	University Physics II	
PHYS 229	Astronomy-Stars and Galaxies	
PHYS 315	The Mysterious Universe	
GEOG 280	Cartographic Design	
GEOG 304	Introduction to Geomorphology	
GEOG 338	Remote Sensing of the Environment	
GEOG 350	Soils and the Environment	
GEOG 363	Watershed Analysis	
GEOG 364	Fluvial Processes and Landforms	
or any geology course numbered 300 or higher		

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Earth and Space Science in Early Adolescence through Adolescence classrooms.

Broadfield Science Licensure

Completion of the following requirements and ES 367 adds Broadfield Science licensure to the Teaching major:

A) Select fourteen credits from one of the following areas:		14
Area 1		
BIOL 151	Biology of Humans	
BIOL 214	Human Anatomy and Physiology I	
BIOL 221	Foundations of Biology I	
BIOL 222	Foundations of Biology II	
BIOL 223	Foundations of Biological Inquiry	
BIOL 314	Human Anatomy and Physiology II	
Area 2		
CHEM 213	Quantitative Analysis	
CHEM 218	Introduction to Inorganic Chemistry	
CHEM 304	Environmental Chemistry	
CHEM 325	Organic Chemistry I with Laboratory	
Area 3		
PHYS 212	General Physics	

or PHYS 232 University Physics II
and additional credits from 229 and above 232.

B) Select eight credits in each of the two areas not selected in A above: 8

Area 1	
BIOL 151	Biology of Humans
BIOL 214	Human Anatomy and Physiology I
BIOL 221	Foundations of Biology I
Area 2	
CHEM 213	Quantitative Analysis
CHEM 218	Introduction to Inorganic Chemistry
CHEM 304	Environmental Chemistry
CHEM 325	Organic Chemistry I with Laboratory
Area 3	
PHYS 212	General Physics
or PHYS 232 University Physics II	
additional credits from 229 and above 232	

Geology, Environmental Science Emphasis, Comprehensive Major

Liberal Arts (Code 160-011)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

The objective of the comprehensive major in geology is to prepare students for graduate programs in geological sciences or for careers as professional geologists, hydrogeologists, or geological engineers. The liberal arts comprehensive major requires completion of the Core and one of the five Emphases listed below.

NOTE: Communication classes, both written and oral, are strongly recommended to fulfill liberal education requirements in any of the following emphases.

Core Requirements for all Liberal Arts and Teaching Emphases in the Comprehensive Geology Major

Code	Title	Credits
23-25 credits		
Select one of the following:		4
GEOL 106	Earth Science	
GEOL 110	Physical Geology	
GEOL 115	Environmental Geology	
GEOL 118	Societal Issues in Earth Science	
Required:		
GEOL 312	Mineralogy and Petrology I	5
GEOL 320	Sedimentology and Stratigraphy	4
GEOL 468	Computers in Geology	1
GEOL 470	Field Geology I	3
CHEM 115	Chemical Principles (or equivalent)	6
Capstone Experience ¹		0-2

¹ Each major is required to complete a capstone experience.

For liberal arts majors, the capstone options may include: GEOL 395 (for a minimum of two credits) or GEOL 471. The capstone will consist of student selection of one of the following options: faculty/student collaborative research, preparation and presentation of a department seminar, internship, field experiences, or other approved experiences. Students working with their adviser will submit a proposal to the department faculty outlining their choice of the capstone experience and explicitly stating how the capstone fits into their personal career goals. The proposal for a capstone experience must be submitted to the chair of the department no later than the second week of the first semester of the senior year.

For teaching majors, the capstone may be satisfied by successful completion of the professional semester in the College of Education and Human Sciences.

Environmental Science Emphasis

Recommended for students who are interested in careers working in environmental fields or who desire to attend graduate school in environmental science, environmental law, or resource planning. Requires completion of the Core plus the required credits as listed below to total at least 60 credits.

Required Courses

GEOL 301	Earth Resources	3
GEOL 308	Water Resources	3
GEOL 315	Hydrogeology I	4
GEOL 330	Structural Geology	4
or GEOL 418	Earth History	

GEOL 345	Geomorphology and Aerial Photography Interpretation	3
or GEOL 420	Glacial Geology	
GEOL 416	Hydrogeology II	4
GEOG 335	Geographic Information Systems I	3
MATH 114	Calculus I	4
Select one of the following:		3-4
BIOL 321	Ecology	
BIOL 328	Conservation Biology	
BIOL 336	Terrestrial Ecology	
BIOL 338	Vegetation Ecology	
BIOL 376	Aquatic Ecology	

Plus electives to total at least 60 credits selected from any geology course numbered 291 or higher

Geology, General Geology Emphasis, Comprehensive Major

Liberal Arts (Code 160-010)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		
Apply for graduation on CampS.		

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency

as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

The objective of the comprehensive major in geology is to prepare students for graduate programs in geological sciences or for careers as professional geologists, hydrogeologists, or geological engineers. The liberal arts comprehensive major requires completion of the Core and one of the five Emphases listed below.

NOTE: Communication classes, both written and oral, are strongly recommended to fulfill liberal education requirements in any of the following emphases.

Core Requirements for all Liberal Arts and Teaching Emphases in the Comprehensive Geology Major

Code	Title	Credits
23-25 credits		
Select one of the following:		4
GEOL 106	Earth Science	
GEOL 110	Physical Geology	
GEOL 115	Environmental Geology	
GEOL 118	Societal Issues in Earth Science	
Required:		
GEOL 312	Mineralogy and Petrology I	5
GEOL 320	Sedimentology and Stratigraphy	4
GEOL 468	Computers in Geology	1
GEOL 470	Field Geology I	3
CHEM 115	Chemical Principles (or equivalent)	6
Capstone Experience ¹		0-2

¹ Each major is required to complete a capstone experience.

For liberal arts majors, the capstone options may include: GEOL 395 (for a minimum of two credits) or GEOL 471. The capstone will consist of student selection of one of the following options: faculty/student collaborative research, preparation and presentation of a department seminar, internship, field experiences, or other approved experiences. Students working with their adviser will submit a proposal to the department faculty outlining their choice of the capstone experience and explicitly stating how the capstone fits into their personal career goals. The proposal for a capstone experience must be submitted to the chair of the department no later than the second week of the first semester of the senior year.

For teaching majors, the capstone may be satisfied by successful completion of the professional semester in the College of Education and Human Sciences.

General Geology Emphasis

Recommended for students planning careers in geology, especially those planning to attend graduate school in geology or engineering. This emphasis comprises the Core plus the required and elective credits as listed below.

Sixty semester credits, including:

Required Courses		
GEOL 313	Mineralogy and Petrology II	4
GEOL 315	Hydrogeology I	4
GEOL 330	Structural Geology	4
GEOL 418	Earth History	4
GEOL 471	Field Geology II	3
MATH 215	Calculus II	4
PHYS 211	General Physics ¹	5
or PHYS 231	University Physics I	
CS 170	Computing for the Sciences and Mathematics	3
or GEOG 335	Geographic Information Systems I	

Electives

At least two courses selected from:

GEOL 336	Introduction to Geochemistry
GEOL 345	Geomorphology and Aerial Photography Interpretation
or GEOL 420	Glacial Geology
GEOL 365	Economic Mineral Deposits
GEOL 416	Hydrogeology II
GEOL 445	Engineering Geology and Geophysics

Select additional electives to total at least 60 credits from the following:

BIOL 308	Evolution
BIOL 330	Population and Community Ecology
BIOL 338	Vegetation Ecology
BIOL 345	Invertebrate Zoology
BIOL 356	Wisconsin Wildlife
CHEM 213	Quantitative Analysis
CHEM 218	Introduction to Inorganic Chemistry
CHEM 433	Physical Chemistry I
CHEM 434	Physical Chemistry II
CHEM 442	Instrumental Analysis
GEOG 338	Remote Sensing of the Environment
GEOG 345	Quaternary Environments
GEOG 350	Soils and the Environment
GEOG 363	Watershed Analysis
GEOG 364	Fluvial Processes and Landforms
GEOG 435	Geographic Information Systems III
MSE 315	Materials Characterization
Any Geology course numbered 300 or above	
MATH 216	Calculus III
MATH 246	Elementary Statistics
MATH 311	Differential Equations
MATH 324	Linear Algebra and Matrix Theory
PHYS 212	General Physics
or PHYS 232	University Physics II
PHYS 226	Astronomy-Solar System
PHYS 229	Astronomy-Stars and Galaxies
PHYS 350	Electric and Electronic Circuits
PHYS 375	Electromagnetic Fields

¹ Students should be advised that a second semester of physics is usually required for entrance to graduate school.

Geology, Hydrogeology and Water Chemistry Emphasis, Comprehensive Major

Liberal Arts (Code 160-013)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		

Credit Requirements

Minimum total for graduation ¹	120
Upper division credits (courses numbered 300 and higher)	39
Liberal Education Core (p. 46)	36
Academic Concentrations (p. 50)	

Grade Point Requirements (p. 49) ²

Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50) ³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

The objective of the comprehensive major in geology is to prepare students for graduate programs in geological sciences or geological engineering, or for careers as professional hydrogeologists or geologists. The liberal arts comprehensive major requires completion of the Core and one of the five Emphases listed below.

NOTE: Communication classes, both written and oral, are strongly recommended to fulfill liberal education requirements in any of the following emphases.

Core Requirements for all Liberal Arts and Teaching Emphases in the Comprehensive Geology Major

Code	Title	Credits
23-25 credits		
Select one of the following:		4
GEOL 106	Earth Science	
GEOL 110	Physical Geology	
GEOL 115	Environmental Geology	
GEOL 118	Societal Issues in Earth Science	
Required:		
GEOL 312	Mineralogy and Petrology I	5
GEOL 320	Sedimentology and Stratigraphy	4
GEOL 468	Computers in Geology	1
GEOL 470	Field Geology I	3
CHEM 115	Chemical Principles (or equivalent)	6
Capstone Experience ¹		0-2

¹ Each major is required to complete a capstone experience.

For liberal arts majors, the capstone options may include: GEOL 395 (for a minimum of two credits) or GEOL 471. The capstone will consist of student

selection of one of the following options: faculty/student collaborative research, preparation and presentation of a department seminar, internship, field experiences, or other approved experiences. Students working with their adviser will submit a proposal to the department faculty outlining their choice of the capstone experience and explicitly stating how the capstone fits into their personal career goals. The proposal for a capstone experience must be submitted to the chair of the department no later than the second week of the first semester of the senior year.

For teaching majors, the capstone may be satisfied by successful completion of the professional semester in the College of Education and Human Sciences.

Hydrogeology and Water Chemistry Emphasis

Recommended for students planning careers in geology such as hydrogeology, geochemistry, and environmental geology. This program is designed to fulfill requirements for admission to graduate programs in hydrogeology, geochemistry, and environmental geology. This program also meets 1998 Wisconsin Department of Natural Resources' academic requirements for classification as a hydrogeologist. This emphasis includes the Core plus the required and elective credits as listed below.

Required Courses

GEOL 308	Water Resources	3
GEOL 315	Hydrogeology I	4
GEOL 330 or GEOL 418	Structural Geology Earth History	4
GEOL 336	Introduction to Geochemistry	3
GEOL 345	Geomorphology and Aerial Photography Interpretation	3
GEOL 416	Hydrogeology II	4
GEOL 350 or GEOL 461	Engineering Geology Applied Geophysics	3
MATH 215	Calculus II	4
PHYS 211 or PHYS 231	General Physics ¹ University Physics I	5
CS 170	Computing for the Sciences and Mathematics	3
or GEOG 335	Geographic Information Systems I	

Plus electives to total at least 60 credits selected from the following:

CHEM 213	Quantitative Analysis
CHEM 218	Introduction to Inorganic Chemistry
CHEM 325	Organic Chemistry I with Laboratory
CHEM 401	Inorganic Chemistry
CHEM 426	Modern Organic Chemistry
CHEM 433	Physical Chemistry I
GEOG 350	Soils and the Environment
GEOG 363	Watershed Analysis
GEOG 364	Fluvial Processes and Landforms
GEOG 435	Geographic Information Systems III
MSE 315	Materials Characterization
or any geology course numbered 300 or higher	

¹ Students should be advised that a second semester of physics is usually required for entrance to graduate school.

Geology, Major

Liberal Arts (Code 160-204)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

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Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available)

may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

The Liberal Arts major in geology emphasizes broad training in general science; the relationship between earth science and other sciences; and the flexibility and creativity in program design for meeting an individual student's interest and employment needs. This major requires completion of the Core liberal arts program plus elective credits. This non-comprehensive major also requires completion of a minor or a second major in another department.

Core Requirements for the Geology Major

27-29 credits

Required Courses

Select one of the following: 4

GEOL 106	Earth Science	4
GEOL 110	Physical Geology	
GEOL 115	Environmental Geology	
GEOL 118	Societal Issues in Earth Science	

Required:

GEOL 312	Mineralogy and Petrology I	5
GEOL 320	Sedimentology and Stratigraphy	4
GEOL 418	Earth History	4
GEOL 468	Computers in Geology	1
GEOL 470	Field Geology I	3
CHEM 115	Chemical Principles (or equivalent)	6

Capstone experience ¹ 0-2

Plus electives to total at least 36 credits selected from any geology course numbered 300 or higher.

¹ Each major is required to complete a capstone experience which may include: GEOL 395 (for a minimum of two credits) or GEOL 471. The capstone will consist of student selection of one of the following options: faculty/student collaborative research, preparation and presentation of a department seminar, internship, field experiences, or other approved experiences. Students working with their adviser will submit a proposal to the department faculty outlining their choice of the capstone experience and explicitly stating how the capstone fits into their personal career goals. The proposal for a capstone experience must be submitted to the Chair of the Department no later than the second week of the first semester of the senior year.

NOTE: Communication classes, both written and oral, are strongly recommended to fulfill liberal education requirements in any of the emphases.

Geology, Minor - Liberal Arts

Liberal Arts (Code 160-401)

Select twenty-four semester credits in geology, including:

Select one of the following: 4

GEOL 106 Earth Science

GEOL 110 Physical Geology

GEOL 115 Environmental Geology

GEOL 118 Societal Issues in Earth Science

Required:

GEOL 312 Mineralogy and Petrology I 5

Select a minimum of six semester credits from the following: 6

GEOL 291 Special Topics

GEOL 301 Earth Resources

GEOL 303 Rocky Mountain Field Studies

GEOL 304 Global Environmental Change

GEOL 308 Water Resources

GEOL 313 Mineralogy and Petrology II

GEOL 315 Hydrogeology I

GEOL 320 Sedimentology and Stratigraphy

GEOL 330 Structural Geology

GEOL 336 Introduction to Geochemistry

GEOL 337 Analytical Geochemistry Laboratory

GEOL 343 Geological Field Excursion

GEOL 345 Geomorphology and Aerial Photography Interpretation

GEOL 365 Economic Mineral Deposits

GEOL 390 Geologic Immersion Experience

GEOL 395 Directed Studies

GEOL 416 Hydrogeology II

GEOL 418 Earth History

GEOL 420 Glacial Geology

GEOL 445 Engineering Geology and Geophysics

GEOL 468 Computers in Geology

GEOL 470 Field Geology I

GEOL 471 Field Geology II

GEOL 491 Advanced Special Topics

Recommended: GEOL 470 and GEOL 471.

Geology, Minor - Teaching

Teaching (Code 160-402)

Twenty-four semester credits, including:

Select one of the following: 4

GEOL 106 Earth Science

GEOL 110 Physical Geology

GEOL 115 Environmental Geology

GEOL 118 Societal Issues in Earth Science

Required:

GEOL 312 Mineralogy and Petrology I 5

GEOL 320 Sedimentology and Stratigraphy 4

GEOL 418 Earth History 4

GEOL 468 Computers in Geology 1

GEOL 470 Field Geology I 3

Select remaining credits from the following:

Any geology course numbered 300 or higher

PHYS 226 Astronomy-Solar System

PHYS 229 Astronomy-Stars and Galaxies

GEOG 304 Introduction to Geomorphology

GEOG 340 Climatology

GEOG 350 Soils and the Environment

GEOG 361 Environmental Hazards

GEOG 363 Watershed Analysis

GEOG 364 Fluvial Processes and Landforms

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Earth and Space Science in Early Adolescence through Adolescence classrooms. Students are advised to combine this minor with a Biology, Chemistry, Physics, or Physics-Math teaching major in order to be prepared for the Praxis II content test. Successful completion of this broad-based science test is required for certification to teach in this field. When combined with a Biology Teaching major, ES 359 is also required for EA-A licensure.

History

Hibbard Humanities Hall 701

715-836-5501

www.uwec.edu/history (<http://www.uwec.edu/history>)

The study of history examines how men and women throughout the world have lived in the past. It pays special attention to continuities and changes in human communities over time and to interactions among people from different cultures. The study of history enhances critical thinking and effective communication by teaching students how to evaluate different interpretations of the past. It teaches them to use evidence effectively to understand the meaning and impact of events and processes. Studying history increases students' social responsibility as they come to understand their own life experiences as part of an historical process. History students master the essential skills of a liberal education by learning to read critically, to manage and analyze information, to build logical arguments, and to write persuasively.

Students can major and minor in history through the College of Arts and Sciences or through the College of Education and Human Sciences. History majors in the College of Education and Human Sciences prepare to teach history in secondary schools. History majors in the College of Arts and Sciences often pursue careers in fields such as law, government, journalism, business, and information management. The department also offers a public history emphasis within the major for students interested in working in museums, archives, historic preservation, and other public history career fields. Some students continue academic study and obtain graduate degrees so that they can further their public history careers or teach at the post-secondary level.

Department Honors in History

Eligibility: Upper-class History and Broadfield Social Studies-History single-concentration majors with resident and total GPAs of 3.50 or higher; GPA of 3.50 or higher in History courses; and GPA of 3.75 or higher in HIST 288 and HIST 489 (combined).

Procedure: A written application for Departmental Honors in History should be submitted to the Department Honors Adviser for approval.

Requirements:

HIST 396	Research Apprenticeship in History	1
HIST 496	Honors Independent Study (taken concurrently with a 400-level History course as approved by the Department Honors Adviser.)	1
HIST 496	Honors Independent Study (taken concurrently with HIST 489: Research Seminar)	1

Public presentation on- or off-campus of capstone project completed in HIST 489: Research Seminar

For advising regarding Department Honors, see Professor P. Turner (HHH-721).

Information for Majors and Minors

NOTE 1: Majors who plan to prepare for college teaching are urged to attain a reading competency in at least one foreign language and preferably two.

NOTE 2: Majors or minors in history seeking licensure to teach are required by Wisconsin law to complete instruction in the conservation of natural resources and in consumer cooperatives/cooperative marketing. Take ECON 103 and either GEOG 178 or BIOL 180 to meet these requirements.

NOTE 3: Professor J. Oberly, the faculty adviser for history majors who are pre-law students, provides assistance in the selection of courses especially appropriate as preparation for law school.

Faculty

Interim Chair Geoffrey Peterson

Oscar Chamberlain
 Selika Duckworth-Lawton
 Erin Krutko-Devlin
 Kate Lang
 John Mann
 James Oberly
 Joseph Orser
 Eugenio Piñero
 Louisa Rice
 Teresa Sanislo
 Reiko Shinno
 Andrew Sturtevant
 Patricia Turner
 Matthew Waters

Majors

- Major: History, Liberal Arts - B.A./B.S. (p. 264)
- Major: History, Public History Emphasis, Liberal Arts - B.A./B.S. (p. 271)
- Major: History, Teaching - B.A. (p. 267)

Minors

- Minor: History, Liberal Arts (p. 270)
- Minor: History, Teaching (p. 270)

Certificates

- Certificate: Global and Comparative History (p. 263)
- Certificate: History of Race, Gender, and Society (p. 264)

Global and Comparative History, Certificate

(Code 380-627)

This certificate is designed for undergraduate students with an interest in history who have chosen a major other than History. It is particularly geared toward students for whom a deeper understanding of the history of global interactions will complement and enhance their major area of study and/or future careers (for example: the World Politics emphasis in Political Science, Business, Geography, Religion, Economics, Languages and Women's Studies).

Required:

HIST 124	World History to 1500	3
or HIST 125	World History Since 1500	

The remaining 9 credits from the following courses with at least 6 credits from the 300 or 400 level: 9

HIST 102	Western Civilization Since 1660
HIST 124	World History to 1500
HIST 125	World History Since 1500
HIST 152	Modern East and Southeast Asia
HIST 212	Hmong and America
HIST 284	The Nazis and Germany, 1914-1945

HIST 286	History of World War II
HIST 292	Origins of Current World Conflicts
HIST 302	Ancient Near Eastern Civilizations
HIST 304	Greek Civilization
HIST 306	Roman Civilization
HIST/LAS 309	Latin America Through Independence
HIST/LAS 311	Latin America Since Independence
HIST/WMNS 313	Gender, Sex, and Science in European History
HIST 315	The Age of Reformation
HIST 318	Studies in the History of European and Mediterranean Worlds
HIST 319	Studies in Comparative, Transnational and Pacific World History
HIST 324	Nineteenth Century Europe, 1815-1914
HIST 325	History and Memory in Europe
HIST 326	Twentieth Century Europe, 1900 to Present
HIST 327	Preparatory Study for Central European Travel Seminar
HIST 360	Modern France
HIST 362	Modern Germany
HIST 366	History of Middle East Since Muhammad
HIST 371	History of the Modern Balkans
HIST 375	Twentieth Century Russia
HIST 376	World War I and II Military
HIST 377	American War in the Post 1945 World
HIST 379	History of Modern East Europe
HIST 381	Comparative Genocide
HIST 382	Imperialism Since 1800
HIST 383	Modern Africa
HIST 384	The Vietnam War
HIST/WMNS 385	The History of Middle Eastern Muslim Women
HIST 387	Marco Polo's World, 1250-1350
HIST 388	History of China
HIST 389	History of Japan
HIST 393	Roots of Selected Contemporary World Problems
HIST 401	Public History in England

Note: Courses cannot be counted in both the major and the certificate program.

History of Race, Gender, and Society, Certificate

(Code 380-628)

This certificate is designed for undergraduate students with an interest in history that have chosen a major other than History. It is particularly geared toward students for whom a deeper understanding of the history of race, gender and society will complement and enhance their major area of study

and/or future careers (for example, Sociology, Women's Studies, Social Work, Education, and Criminal Justice).

One of the following courses is required:

HIST/WMNS 205	American Women's History
HIST 210	African American History 1865 to Present
HIST 212	Hmong and America
HIST/AIS 240	American Indian History

The remaining 9 credits may be chosen from the following courses with at least 6 credits from the 300 or 400 level:

HIST/WMNS 205	American Women's History
HIST 210	African American History 1865 to Present
HIST 212	Hmong and America
HIST/AIS 240	American Indian History
HIST/WMNS 313	Gender, Sex, and Science in European History
HIST 317	Studies in the History of Race in the U.S.
HIST 344	African American Civil Rights Movement, 1914-Present
HIST 345	Civil Rights and American Memory
HIST/AIS 368	Studies in American Indian History
HIST/AIS 369	Wisconsin Indian History
HIST 370	History of the Family in America
HIST/WMNS 373	American Women's History to 1870
HIST/WMNS 385	The History of Middle Eastern Muslim Women
HIST/WMNS 394	Studies in the History of Women

Note: Courses cannot be counted in both the major and the certificate program.

History, Major - Liberal Arts

Liberal Arts (Code 380-201)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average

Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50)³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

- Certain programs exceed this minimum.
- See special requirements in each College.
- See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-s1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-s2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-s3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

This major consists of 36 semester credits, including:

Foundational Requirement: Courses at the 100 and 200 level (not including HIST 288). Minimum of 6 credits. Maximum of 15 credits.

HIST 124 World History to 1500 3
or HIST 125 World History Since 1500

At least one of the following courses:

HIST 114 United States History to 1877

HIST 115 United States History Since 1877

HIST/WMNS American Women's History
205

HIST 210 African American History 1865 to Present

HIST/AIS American Indian History
240

Introduction to Research Methods and Historical Professions, 6 credits 6

HIST 288 Introduction to Research Methods and the Profession 3

HIST 386 Introduction to Public History 3

Advanced Courses: Courses at the 300 and 400 level (not including HIST 386 and HIST 489). Minimum of 12 credits.

Capstone Thesis, 3 credits

HIST 489 Research Seminar 3

Within their 36 credits, students must complete a minimum of 6 credits of Diversity and 6 credits of Global coursework:

Diversity Requirement, 6 credits

Choose from: 6

HIST/WMNS American Women's History
205

HIST 210 African American History 1865 to Present

HIST 212 Hmong and America

HIST/AIS American Indian History
240

HIST/WMNS Gender, Sex, and Science in European
313 History

HIST 317 Studies in the History of Race in the U.S.

HIST 344 African American Civil Rights Movement,
1914-Present

HIST 345 Civil Rights and American Memory

HIST/AIS Studies in American Indian History
368

HIST/AIS Wisconsin Indian History
369

HIST 370 History of the Family in America

HIST/WMNS American Women's History to 1870
373

HIST/WMNS American Women's History Since 1870
378

HIST/WMNS The History of Middle Eastern Muslim
385 Women

HIST/WMNS Studies in the History of Women
394

Global Requirement, 6 credits

Choose from: 6

HIST 102 Western Civilization Since 1660

HIST 152 Modern East and Southeast Asia

HIST 284 The Nazis and Germany, 1914-1945

HIST 286 History of World War II

HIST 292 Origins of Current World Conflicts

HIST 302 Ancient Near Eastern Civilizations

HIST 304 Greek Civilization

HIST 306 Roman Civilization

HIST 308 Ancient Historiography

HIST/LAS Latin America Through Independence
309

HIST/LAS Latin America Since Independence
311

HIST/WMNS Gender, Sex, and Science in European
313 History

HIST 315 The Age of Reformation

HIST 318 Studies in the History of European and
Mediterranean Worlds

HIST 319 Studies in Comparative, Transnational and
Pacific World History

HIST 324 Nineteenth Century Europe, 1815-1914

HIST 325 History and Memory in Europe

HIST 326 Twentieth Century Europe, 1900 to Present

HIST 327 Preparatory Study for Central European
Travel Seminar

HIST 360 Modern France

HIST 362 Modern Germany

HIST 366 History of Middle East Since Muhammad

HIST 371 History of the Modern Balkans

HIST 375 Twentieth Century Russia

HIST 376 World War I and II Military

HIST 377 American War in the Post 1945 World

HIST 379 History of Modern East Europe

HIST 381 Comparative Genocide

HIST 382 Imperialism Since 1800

HIST 383 Modern Africa

HIST 384 The Vietnam War

HIST/WMNS The History of Middle Eastern Muslim
385 Women

HIST 387	Marco Polo's World, 1250-1350
HIST 388	History of China
HIST 389	History of Japan
HIST 393	Roots of Selected Contemporary World Problems
HIST 401	Public History in England

Notes:

1. The same course may be taken to satisfy more than one requirement, when relevant.
2. Relevant history courses other than those listed above may be counted toward fulfilling requirements with department approval.
3. HIST 288 should be taken before any 300-level or 400-level course, if possible.

History, Major - Teaching

Teaching (Code 380-206)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total	2.00 average	
Resident	2.00 average	
Major	2.00 average	
Minor	2.00 average	
Certificate	2.00 average	
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate	25 percent of credits	
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		
Apply for graduation on CampS.		

¹ Certain programs exceed this minimum.
² See special requirements in each College.
³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		
WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	
WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	

WRIT 120 Blugold Seminar in Critical Reading and Writing for Transfer Students

AND at least one oral communication course from the following:

CJ 201	Introduction to Interpersonal Communication
CJ 202	Fundamentals of Speech
CJ 203	Fundamentals of Human Communication

S2 (Mathematics)

LE approved math course

S3 (Creativity)

ES 497	Field Experience Seminar (included in major)	2
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R1 (Equity, Diversity, Inclusivity)

ES 385	Social Foundations: Human Relations (included in major)	3
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AND another learning experience

R2 (Global Perspectives)

One LE approved course

R3 (Civic and Environmental Issues)

One LE approved course

IL (Integration)

ES 497	Field Experience Seminar (included in major)	2
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AND another learning experience

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EA-A Licensure Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option B: EA-A

Early Adolescence through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2

ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
Prescribed special methods course(s) (see approved majors and minors below)		
ES 445 & ES 470	Student Teaching in Middle Level Education and Student Teaching in Secondary Education	14
or ES 446 or ES 475	Internship Teaching in Middle Level Education or Internship Teaching in Secondary Education	
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2

NOTE: Although majors must be from the approved list below, the second plan may be from the approved list. Students pursuing EA-A licensure are not required to elect a second plan that leads to a teaching license.

Approved Majors and Minors for Option B

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II Content Test Required
English	540-006	ENGL 319, ENGL 419		ETS 5038
Earth and Space Science	160-015 ¹	ES 359 (F)		ETS 5435
Mathematics	180-002	ES 357		ETS 5061
Physical Science ¹	240-004	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Physics-Mathematics ¹				ETS 5161 and ETS 5435 (regardless of emphasis)
Physics Emphasis	210-003	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Mathematics Emphasis	210-004	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Social Studies	500-XXX	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Majors	Code	Prescribed Methods Course	Additional Requirements	Praxis II Content Test Required
Biology ¹	080-205	ES 367 (Sp)	BIOL 180 or GEOG 178	ETS 5435
Chemistry ¹	100-204	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Economics	360-204	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
English	540-210	ENGL 319, ENGL 419		ETS 5038

Geography	140-213	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
History	380-206	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Mathematics	180-207	ES 357		ETS 5161
Physics ¹	230-205	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-203	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
Biology	080-403	ES 367 (SP)	BIOL 180 or GEOG 178	ETS 5435
Chemistry	100-406	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Coaching	971-403	KINS 492		no addt'l exam
Economics	360-404	ES 356	BIOL 180 or GEOG 178	ETS 5081
English	540-408	ENGL 319, ENGL 419		ETS 5038
French	260-404	ES 366 (F) in language	Study abroad	WPT and OPI or OPIc
Geography	140-413	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Geology	160-402	ES 359 (F)		
German	280-404	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
History	380-404	ES 356 (SP)	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Learning Disabilities	950-471			ETS 5146
Library Science	960-403		EC-A licensure	no addt'l exam for this minor
Mathematics	180-407	ES 357		ETS 5161
Physics	230-403	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-403	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Sociology	480-404	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Spanish	320-405	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc

Teaching English to Speakers of Other Languages (TESOL)	550-408	ES 405 (F)	1 yr college level foreign language	ETS 0361
Theatre Arts	601-424	ES 361 (F)		ETS 0641

¹ Broadfield Science add-on certification is available with these majors and requires ES 359 (fall only) and ES 367 (spring only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach History in Early Adolescence through Adolescence classrooms.

Thirty-six semester credits, including:

Foundational Requirement, 12 credits

HIST 114	United States History to 1877	3
HIST 124	World History to 1500	3
HIST 125	World History Since 1500	3

At least one of the following: 3

HIST 115	United States History Since 1877	
HIST/WMNS 205	American Women's History	
HIST 210	African American History 1865 to Present	
HIST/AIS 240	American Indian History	

Native American History Requirement, 3 credits

Choose from:		3
HIST/AIS 240	American Indian History	
HIST/AIS 368	Studies in American Indian History	
HIST/AIS 369	Wisconsin Indian History	

Global Requirement, 3 credits

Choose from:		3
HIST 102	Western Civilization Since 1660	
HIST 152	Modern East and Southeast Asia	
HIST 284	The Nazis and Germany, 1914-1945	
HIST 286	History of World War II	
HIST 292	Origins of Current World Conflicts	
HIST 302	Ancient Near Eastern Civilizations	
HIST 304	Greek Civilization	
HIST 306	Roman Civilization	
HIST/LAS 309	Latin America Through Independence	
HIST/LAS 311	Latin America Since Independence	
HIST 315	The Age of Reformation	

HIST 326	Twentieth Century Europe, 1900 to Present	
HIST 360	Modern France	
HIST 362	Modern Germany	
HIST 366	History of Middle East Since Muhammad	
HIST 371	History of the Modern Balkans	
HIST 375	Twentieth Century Russia	
HIST 376	World War I and II Military	
HIST 377	American War in the Post 1945 World	
HIST 379	History of Modern East Europe	
HIST 381	Comparative Genocide	
HIST 382	Imperialism Since 1800	
HIST 383	Modern Africa	
HIST 384	The Vietnam War	
HIST/WMNS 385	The History of Middle Eastern Muslim Women	
HIST 387	Marco Polo's World, 1250-1350	
HIST 388	History of China	
HIST 389	History of Japan	
HIST 393	Roots of Selected Contemporary World Problems	

Capstone Sequence Requirement, 6 credits

HIST 288	Introduction to Research Methods and the Profession	3
HIST 489	Research Seminar	3

Remaining credits to total at least 36 to be selected from any History course

NOTE 1: The same course may be taken to satisfy more than one requirement, when relevant.

NOTE 2: Relevant history courses other than those listed above may be counted to fulfill requirements with department approval.

NOTE 3: HIST 288 should be taken before any 300-level or 400-level course, if possible.

NOTE 4: A maximum of 17 credits from 100- and 200-level courses, including HIST 288, can count toward the major.

History, Minor - Liberal Arts

Liberal Arts (Code 380-401)

Twenty-four semester credits of history, including:

At least six credits of history courses at the 100-200 level.	6
At least 12 credits of history courses at 300-400 level.	12

History, Minor - Teaching

Teaching (Code 380-404)

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach History in Early Adolescence through Adolescence classrooms.

Twenty-four semester credits, including:

HIST 124	World History to 1500	3
HIST 125	World History Since 1500	3

HIST 114	United States History to 1877	3
Choose from:		3
HIST 115	United States History Since 1877	
HIST 210	African American History 1865 to Present	
HIST/AIS 240	American Indian History	
HIST/WMNS 205	American Women's History	
History Methodology:		
HIST 288	Introduction to Research Methods and the Profession (take before any upper-level history course)	3
History electives at 300 and 400 level ¹		9

¹ Three credits must be in U.S. History and three credits in non-U.S. History (see courses below).

U.S. History

Select three credits of the following:

HIST 330	Colonial America	
HIST 332	The Era of the American Revolution	
HIST 334	Early Nationalism and Jacksonian Democracy	
HIST 336	Sectionalism, Civil War, and Reconstruction	
HIST 338	America in Transition, 1877-1917	
HIST 342	Recent US History (1945-Present)	
HIST 344	African American Civil Rights Movement, 1914-Present	
HIST 346	American Environmental History	
HIST 370	History of the Family in America	
HIST 376	World War I and II Military	
HIST 377	American War in the Post 1945 World	
HIST 380	Museums in the United States	
HIST 384	The Vietnam War	
HIST 386	Introduction to Public History	
HIST 480	History of Wisconsin	
HIST 486	Seminar in Public History	
HIST/AIS 368	Studies in American Indian History	
HIST/AIS 369	Wisconsin Indian History	
HIST/WMNS 373	American Women's History to 1870	

Non-U.S. History

Select three credits of the following:		3
HIST 302	Ancient Near Eastern Civilizations	
HIST 304	Greek Civilization	
HIST 306	Roman Civilization	
HIST 313	Gender, Sex, and Science in European History	
HIST 315	The Age of Reformation	
HIST 324	Nineteenth Century Europe, 1815-1914	
HIST 326	Twentieth Century Europe, 1900 to Present	
HIST 360	Modern France	

HIST 362	Modern Germany	
HIST 366	History of Middle East Since Muhammad	
HIST 371	History of the Modern Balkans	
HIST 375	Twentieth Century Russia	
HIST 379	History of Modern East Europe	
HIST 383	Modern Africa	
HIST 384	The Vietnam War	
HIST 387	Marco Polo's World, 1250-1350	
HIST 388	History of China	
HIST 389	History of Japan	
HIST/LAS 309	Latin America Through Independence	
HIST/LAS 311	Latin America Since Independence	
HIST/WMNS 385	The History of Middle Eastern Muslim Women	
HIST 401	Public History in England	

History, Public History Emphasis, Major

Liberal Arts (Code 380-205)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.
² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
	Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal		
	Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
	One S1 must meet the University Writing Requirement (p. 49)	
	Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
	One S2 to meet the University Mathematics Requirement (p. 49)	
	Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal		
	Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
	One R1 must satisfy Design for Diversity (p. 49)	
	Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
	Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal		
	Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal		
	Service-Learning (p. 49)	30 hours

College Degree Requirements Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

This major consists of 36 semester credits, including:

Foundational Requirement: Courses at the 100 and 200 level (not including HIST 288). Minimum of 6 credits. Maximum of 15 credits. 6

HIST 124 World History to 1500 3
or HIST 125 World History Since 1500

At least one of the following courses

HIST 114 United States History to 1877

HIST 115 United States History Since 1877

HIST/WMNS American Women's History
205

HIST 210 African American History 1865 to Present

HIST/AIS American Indian History
240

Introduction to Research Methods and the Historical Professions, 6 credits

HIST 288 Introduction to Research Methods and the Profession 3

HIST 386 Introduction to Public History 3

Advanced Courses: Courses at the 300 and 400 level (not including HIST 489). Minimum of 12 credits.

Must include the Public History sequence:

HIST 486 Seminar in Public History 3

HIST 498 Internship 3

Capstone Thesis, 3 credits

HIST 489 Research Seminar 3

Within their 36 credits, students must complete a minimum of 6 credits of Diversity coursework:

Diversity requirement, 6 credits

Choose from: 6

HIST/WMNS American Women's History
205

HIST 210 African American History 1865 to Present

HIST 212 Hmong and America

HIST/AIS American Indian History
240

HIST/WMNS Gender, Sex, and Science in European
313 History

HIST 317 Studies in the History of Race in the U.S.

HIST 344 African American Civil Rights Movement,
1914-Present

HIST 345 Civil Rights and American Memory

HIST/AIS Studies in American Indian History
368

HIST/AIS Wisconsin Indian History
369

HIST 370 History of the Family in America

HIST/WMNS American Women's History to 1870
373

HIST/WMNS American Women's History Since 1870
378

HIST/WMNS The History of Middle Eastern Muslim
385 Women

HIST/WMNS Studies in the History of Women
394

Notes:

1. The same course may be taken to satisfy more than one requirement, when relevant.
2. Relevant history courses other than those listed above may be counted toward fulfilling requirements with department approval.
3. HIST 288 should be taken before any 300-level or 400-level course, if possible.

Languages

Centennial Hall 4508

715-836-4287

www.uwec.edu/flang (<http://www.uwec.edu/flang>)

The Department of Languages provides a vital component in the undergraduate liberal arts education offered at the University of Wisconsin-Eau Claire. The department promotes multilingualism as the key to intercultural understanding. It does so through courses in foreign language, culture, and literature, including English language for native speakers of other languages; major and minor programs in a number of world languages; study abroad opportunities and internships in many countries; and student/faculty collaborative research. Graduates from the Department of Languages serve at home and abroad as ambassadors for a diverse, peacefully interacting global society.

Major and Minor Programs

The Department of Languages offers Liberal Arts and Teaching majors and minors in French, German, and Spanish, and a Liberal Arts minor in Japanese. In German, students may opt for a Business/Professions emphasis within the Liberal Arts major. In addition, a Spanish for Health Professions minor is available as well as Certificate Programs in French Proficiency and German Proficiency. Language students may also be interested in the minor in Teaching of English to Speakers of Other Languages (TESOL), and a certificate in Teaching English as a Foreign Language (TEFL). Students of Spanish have the opportunity to pursue a major or minor in Latin American Studies (LAS).

Other Languages Offered

In addition to the major, minor and certificate programs, the Department of Languages provides, as resources permit, at least one year of instruction in Chinese, Danish (in Denmark only), English as a Second Language, Greek, Hmong, Japanese, Latin, Ojibwe and Russian. One year of any of the languages taught in the department fulfills the one-year foreign language requirement for a Bachelor of Arts Degree in the College of Arts and Sciences. To meet this requirement, however, the student must earn a grade of at least C or a mark of S in a Foreign Language course numbered 102 or higher.

Spanish Honors Program

Students who are majoring in Spanish may enter the Spanish Honors Program in two ways:

1. by an appropriate score on the Spanish Placement Test at the time of admission to the University;
2. by invitation of the Spanish faculty after a semester or more at UW-Eau Claire.

Procedure

A written application for the Spanish Honors Program must be approved by the department chair. Students admitted to the Program must gain approval of the instructor and department chair to enroll in courses as an honors option.

Requirements

1. Completion of at least nine credits from the following honors option courses:

SPAN 355	Spanish Civilization to 1900	3
SPAN 356	Contemporary Spain	3
SPAN 385	Spanish Literature from Unamuno to Garcia Lorca	3
SPAN 386	Contemporary Spanish Literature	3

SPAN 410	Advanced Grammar	3
SPAN/LAS 352	Latin American Civilization	3
SPAN/LAS 476	The Novel in Latin America I: 1850-1950	3
SPAN/LAS 477	The Novel in Latin America II: 1950-Present	3

By the end of the second week of classes, the student will develop a description of the honors work to be done in the course, gain the instructor's approval, and submit the description to the department chair for approval. As part of the honors work, a student paper/report must be written and filed with the department chair along with an indication by the instructor that the student has successfully performed honors work.

2. Completion of a project (usually in an honors option course) which is approved as honors work by the instructor and two other members of the department.
3. Maintain resident and total GPAs of 3.50 in the major and in all credits attempted to remain in the Program and to graduate with honors in Spanish. If the GPAs fall below 3.50, a decision by the Spanish faculty is required for reinstatement to the Program.

Residency Requirement for Prospective Language Teachers

All majors and minors who wish to be certified to teach a foreign language must complete an appropriate period of language immersion in residence in a country in which the language is spoken, or provide an alternative language immersion experience that must be approved by the Department. The minimum time period for meeting the residence/immersion requirement is six weeks. However, the Department of Languages recommends that students spend at least one semester abroad.

Oral Proficiency Requirement for Prospective Language Teachers

Wisconsin Department of Public Instruction content guidelines require that foreign language teachers demonstrate minimal oral proficiency at a level equivalent to Intermediate High according to the ACTFL Proficiency Guidelines. Prospective teachers at UW-Eau Claire must demonstrate such proficiency through an official ACTFL Oral Proficiency Interview (OPI). Information on the Oral Proficiency Interview and the ACTFL Proficiency Guidelines (Speaking) is available in the Department of Languages.

Placement Test in Foreign Languages

Students whose records indicate at least two units of French, German, Spanish, or Japanese study in Junior/Senior High School and who do not have college credit in the language are required to take a placement test in that language prior to registration in order to determine the level at which they should continue their foreign language instruction. At the time of the test, students will be advised as to the language course in which they should enroll.

Students who place into a 102-level foreign language class will be considered to have met the 101-level competency requirement and may not enroll in a 101-level class in the same language for credit without the permission of the Chair of the Department of Languages. Additionally, a student who places into a 201-level class or above will be considered to have met the 101- and 102-level requirements and may not enroll for credit in any course that is at a lower level than the one into which the student has placed without the permission of the Chair of the Department of Languages.

Placement tests in French, German, and Spanish are offered as part of Regional Placement Testing in March and April, during Summer Orientation, and during spring/fall registration. For information about these tests and the Japanese placement test, consult Academic Testing (Schofield 226).

Roma Hoff Instructional Resource Center

Practice in the Roma Hoff Instructional Resource Center (RHIRC) is a required part of elementary, intermediate, conversation, and phonetics courses in modern foreign languages. The center provides access to foreign language sound and video programs, to foreign films, and to computer-assisted foreign language instruction. Four-credit courses at the beginning and intermediate levels include four hours of classroom instruction and at least one laboratory hour per week.

Credit for High School Work or Other Foreign Language Experience

Students with high school courses or other learning experiences in a foreign language may obtain college credit for their previous work by taking a confirming course under the following conditions:

1. The confirming course must be the first college-level course completed in the language and must be taken by a regularly enrolled student at UW-Eau Claire. (However, students who have taken a college-level course while in high school are also eligible for credit for previous work by taking a confirming course.)
2. The confirming course must be 102, 201, 202, or in FREN 315; in German, GERM 313, GERM 314 or GERM 315; in Spanish, SPAN 301.
3. The course must be passed with a letter grade of B (not B-) or above and may not be repeated for the purpose of requesting credits under this policy.
4. A maximum of 16 credits may be granted in any one language for previous work at a level lower than the confirming course.

Further information is available from the Chair of the Department.

Study Abroad

The department encourages study abroad in any of the programs sponsored by the Department of Languages, such as the semester programs in Costa Rica, Costa Rica/Nicaragua, Chile, Pau in France, Marburg in Germany, Japan, Valladolid in Spain, and Uruguay; the semester or year exchange programs in Graz (Austria) and year programs in different sites in the state of Hessen (Germany); summer program in Mexico or Costa Rica—nursing and health care professionals; and exchange semester or year-long programs at one of three ITESM campuses in Mexico. Credits for the major and minor can be earned in any of these programs. Participation in other university-sponsored study abroad programs in Australia, China, England, Greece, Ireland, Latvia, Scotland, South Africa, South Korea, Sweden, and Thailand is also recommended. A resident GPA requirement exists for acceptance in study abroad programs. For details, see the Center for International Education.

International Employment

Students interested in a career in international business should consider a major in French, German (Business/Professions Emphasis), or Spanish (Business/Professions Emphasis) combined with the major, minor or certificate in International Business available to students in the College of Business. For information about opportunities for international employment, consult Dr.

Kristy Lauver, the adviser for students seeking the International Business major, minor or certificate in the College of Business.

English for Speakers of Other Languages

Another important offering in the Department of Languages is English for the ever-growing number of non-native speakers of English on campus. The English Language Academy (ELA) offers English as a Second Language instruction during the regular academic year as well as during the summer months.

All international students either seeking a degree or on exchange from their home institutions, immigrants/refugees, and/or non-native speakers of English who are residents of the United States are welcome to take coursework to further develop their English speaking, listening, reading, writing, grammar, vocabulary, and pronunciation.

UW-Eau Claire offers different programs to assist non-native speakers of English to continue their language study. For information regarding these programs, contact the Department of Languages (Centennial Hall 4508).

English Language Requirement for Admission of International Students: TOEFL score of 550 (pbt), or 213 (cbt), or 79 (ibt).

• Degree Seeking Students

Degree seeking students demonstrating English proficiency with a TOEFL score of 550pbt/213cbt/79ibt or higher may enroll directly in academic courses. If they choose, they may take an English Placement Exam and enroll in any ESL courses recommended to them.

• Exchange Students

Exchange students are admitted according to the terms of specific inter-institutional agreements. Those who demonstrate a TOEFL score of 550pbt/213cbt/79ibt or higher are not required to take the English placement exam, and may enroll in academic courses. Those with a lower TOEFL score must take the placement exam, and follow the recommendations of the ESL program director.

• English as a Second Language Students

Students with a TOEFL score below 550pbt/213cbt/79ibt may be admitted to the ESL program. These students must take an English Placement Exam and follow the recommendations of the ESL program director. Students may elect to take credit or non-credit courses in the ESL program.

The purpose of the English Placement Exam is to determine whether each non-native speaking student's language proficiency is sufficient for active involvement in UWEC coursework. A non-native speaker of English must be linguistically prepared for the rigorous academic challenges at UW-Eau Claire in terms of in-class oral and aural interaction and out of class reading and writing.

The English Placement Exam is conducted the week prior to the beginning of courses. For information related to the English Placement Exam, contact the ESL Coordinator, Department of Languages.

Faculty

Matthew Waters, Chair

Julie Adler
Kelly Biers
Josh Brown
Linda Carlson

Thomas Carlson
 Ami Christensen
 Patrick Day
 Analisa DeGrave
 Marcela Depiante
 Sara Echarri
 Manuel Fernandez
 Bibiana Fuentes
 Carlos Garcia Ruiz
 Wendy Makoons Geniusz
 Anne Hlas
 PauL Hoff
 Nuria Ibarrechevea Hoff
 Joyce Johnson
 Tomomi Kakegawa
 Kaishan Kong
 Meghan Mehlos Licón
 Martina Lindseth
 Jessica Sertling Miller
 Emilia Oswald-Bikbulatova
 Carter Smith
 Johannes Strohschänk
 Robert Strong
 Jefford Vahlbusch
 José Valero
 Fabiola Varela-García

Majors

- Major: French, Liberal Arts - B.A./B.S. (p. 276)
- Major: French, Teaching - B.A. (p. 278)
- Major: German, Liberal Arts Emphasis - B.A./B.S. (p. 284)
- Major: German, Business/Professions Emphasis, Liberal Arts - B.A./B.S. (p. 282)
- Major: German, Teaching - B.A. (p. 286)
- Major: Spanish, Liberal Arts - B.A./B.S. (p. 290)
- Major: Spanish, Teaching - B.A. (p. 292)

Minors

- Minor: French, Liberal Arts (p. 281)
- Minor: French, Early Adolescence/Adolescence Teaching (p. 281)
- Minor: French, Middle Childhood/Early Adolescence Teaching (p. 282)
- Minor: French, Early Childhood/Adolescence Teaching (p. 281)
- Minor: German, Liberal Arts (p. 289)
- Minor: German, Early Adolescence/Adolescence Teaching (p. 289)
- Minor: German, Middle Childhood/Early Adolescence Teaching (p. 289)
- Minor: German, Early Childhood/Adolescence Teaching (p. 289)
- Minor: Japanese, Liberal Arts (p. 289)
- Minor: Spanish, Liberal Arts (p. 295)
- Minor: Spanish for Health Professions, Liberal Arts (p. 290)
- Minor: Spanish, Early Adolescence/Adolescence Teaching (p. 295)
- Minor: Spanish, Middle Childhood/Early Adolescence Teaching (p. 296)
- Minor: Spanish, Early Childhood/Adolescence Teaching (p. 296)

Certificates

- Certificate: French Proficiency (p. 276)
- Certificate: German Proficiency (p. 282)
- Certificate: Ojibwe Language (p. 290)

French Proficiency, Certificate

(Code 260-601)

The Department of Languages offers a certificate program in **French Proficiency** for students in any major or minor other than French who would like to add proficiency in French to their skill set. The program provides students with practical written and oral language skills in French, thereby complementing majors in all other disciplines across the university and strengthening the prospects of students who intend to pursue careers or graduate study in the many areas in which proficiency in French is useful.

To complete the certificate, 13 credits beyond FREN 201 are required, including:

FREN 202	Intermediate French	4
FREN 315	Advanced Grammar in Context	3
FREN 325	Phonetics and Pronunciation	3
FREN 335	Written and Oral Expression	3
or FREN 340	French for Professional Communication	
Total Credits		13

French, Major - Liberal Arts

Liberal Arts (Code 260-201)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
	Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal		
	Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
	One S1 must meet the University Writing Requirement (p. 49)	
	Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
	One S2 to meet the University Mathematics Requirement (p. 49)	
	Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal		
	Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
	One R1 must satisfy Design for Diversity (p. 49)	
	Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
	Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal		
	Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal		
	Service-Learning (p. 49)	30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

A minimum of 36 semester credits beyond FREN 102, or 28 semester credits beyond FREN 202, including:

FREN 315	Advanced Grammar in Context	3
FREN 325	Phonetics and Pronunciation	3
FREN 335	Written and Oral Expression	3
or FREN 340	French for Professional Communication	

Students may earn their remaining credits from any of the following, but must take a minimum of six credits at the 400 level:

FREN 335	Written and Oral Expression ¹	
or FREN 340	French for Professional Communication	
FREN 345	Introduction to Literary Analysis	
FREN 354	History of French Civilization	
FREN 355	Contemporary French Civilization	
FREN 361	Survey of French Literature I	
FREN 362	Survey of French Literature II	
FREN 401	Advanced Conversation	
FREN 450	Francophone Literature	
FREN 463	Modern French Literature	
FREN 491	Special Topics	

Up to three credits may be applied to the major with adviser and department approval from:

FREN 395	Directed Studies	
FREN 399	Independent Study - Juniors	
FREN 499	Independent Study - Seniors	

¹ Whichever course is not counted as part of the above core requirements.

French, Major - Teaching

Teaching (Code 260-203)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49)²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50)³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21

Certificate	25 percent of credits
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Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-11>) Two (2) learning experiences

Service-Learning Goal
Service-Learning (p. 49) 30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		

WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing
WRIT 116	Blugold Seminar in Critical Reading and Writing
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students
AND at least one oral communication course from the following:	
CJ 201	Introduction to Interpersonal Communication
CJ 202	Fundamentals of Speech
CJ 203	Fundamentals of Human Communication

S2 (Mathematics)		
LE approved math course		
S3 (Creativity)		
ES 497	Field Experience Seminar (included in major)	2
R1 (Equity, Diversity, Inclusivity)		
ES 385	Social Foundations: Human Relations (included in major)	3
AND another learning experience		
R2 (Global Perspectives)		
One LE approved course		
R3 (Civic and Environmental Issues)		
One LE approved course		
IL (Integration)		
ES 497	Field Experience Seminar (included in major)	2
AND another learning experience		

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EC-A Licensure Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option C: EC-A
Early Childhood through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2
Prescribed special methods course(s) (see approved majors and minors below)		
Student Teaching Courses from list below:		14
ES 441	Student Teaching in Elementary Education	7
AND		
ES 445	Student Teaching in Middle Level Education	7
or ES 470 Student Teaching in Secondary Education		
or		
ES 440	Internship Teaching in Elementary Education	7-14
or		
ES 446	Internship Teaching in Middle Level Education	7-14
or		
ES 475	Internship Teaching in Secondary Education	7-14

NOTE 1: SPED 300 (not required of Kinesiology or Music majors).

NOTE 2: ES 441 is not required for Foreign Language majors and minors in the student teaching semester as an earlier elementary level field placement (required by DPI) occurs in ES 437.

NOTE 3: Music Education majors take MUED 318 instead of ES 318 and MUED 487 or MUED 488 instead of ES 441 and one of ES 445 or ES 470, or ES 440, or ES 446, or ES 475.

Approved Majors and Minors for Option C

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II or ACTFL Content Test Required
Art	020-072	ART 304 (Sp), ES 350 (F), ES 354 (Sp)		ETS 0134
Latin American Studies	340-003	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc

Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II ACTFL Content Test Required
Music, Instrumental/General	060-057	MUED 211, MUED 300, MUED 310, MUED 411, MUED 421		ETS 0113
Music, Choral/General	060-058	MUED 211, MUED 300, MUED 310, MUED 318, MUED 410, MUED 420		ETS 0113
Kinesiology	991-065	KINS 290		ETS 0091
French	260-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
German	280-204	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Spanish	320-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Theatre Arts	601-204	ES 361 (F)		ETS 0641

Minors	Code	Prescribed Methods Course	Additional Requirement	Praxis II ACTFL Content Test Required
Adaptive Physical Education	991-459		Only with KINS major	No addtl exam
French	260-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
German	280-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
Spanish	320-407	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
TESOL	550-410	ES 405 (F)	Only with F Lg major	ETS 0361

NOTE: Students completing an EC-A comprehensive major or standard major may complete an additional major or minor with licensure at the EA-A level from the list under Option B above.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

A minimum of 36 semester credits beyond FREN 102, or 28 semester credits beyond FREN 202, including:

FREN 315	Advanced Grammar in Context	3
FREN 325	Phonetics and Pronunciation	3
FREN 335	Written and Oral Expression	3
or FREN 340	French for Professional Communication	
FLG 378	Second Language Acquisition Theory	3

Students may earn their remaining credits from any of the following, but must take a minimum of six credits at the 400 level:

FREN 335 Written and Oral Expression (whichever course is not counted as part of the above core requirements)

or FREN 340 French for Professional Communication

FREN 345 Introduction to Literary Analysis

FREN 354 History of French Civilization

FREN 355 Contemporary French Civilization

FREN 361 Survey of French Literature I

FREN 362 Survey of French Literature II

FREN 401 Advanced Conversation

FREN 450 Francophone Literature

FREN 463 Modern French Literature

FREN 491 Special Topics

Up to three credits may be applied to the major from the following with adviser and department approval:

FREN 395 Directed Studies

FREN 399 Independent Study - Juniors

FREN 499 Independent Study - Seniors

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option A or C and leads to licensure to teach French in Early Childhood through Adolescence classrooms.

French, Minor - Liberal Arts

Liberal Arts (Code 260-401)

A minimum of 24 semester credits beyond FREN 102, or 16 semester credits beyond FREN 202, including:

FREN 315 Advanced Grammar in Context 3

FREN 325 Phonetics and Pronunciation 3

FREN 335 Written and Oral Expression 3

or FREN 340 French for Professional Communication

Students may earn their remaining credits from any of the following:

FREN 335 Written and Oral Expression (whichever course is not counted as part of the above core requirements)

or FREN 340 French for Professional Communication

FREN 345 Introduction to Literary Analysis

FREN 354 History of French Civilization

FREN 355 Contemporary French Civilization

FREN 361 Survey of French Literature I

FREN 362 Survey of French Literature II

FREN 401 Advanced Conversation

FREN 450 Francophone Literature

FREN 463 Modern French Literature

FREN 491 Special Topics

Up to three credits may be applied to the minor from the following with adviser and department approval:

FREN 395 Directed Studies

FREN 399 Independent Study - Juniors

FREN 499 Independent Study - Seniors

French, Minor - Teaching - EA-A

Early Adolescence/Adolescence, Teaching (Code 260-404)

A minimum of 24 semester credits beyond FREN 102, or 16 semester credits beyond FREN 202, including:

FREN 315 Advanced Grammar in Context 3

FREN 325 Phonetics and Pronunciation 3

FREN 335 Written and Oral Expression 3

or FREN 340 French for Professional Communication

FLG 378 Second Language Acquisition Theory 3

Students may earn their remaining credits from any of the following, but must take a minimum of six credits at the 400 level:

FREN 335 Written and Oral Expression (whichever course is not counted as part of the above core requirements)

or FREN 340 French for Professional Communication

FREN 345 Introduction to Literary Analysis

FREN 354 History of French Civilization

FREN 355 Contemporary French Civilization

FREN 361 Survey of French Literature I

FREN 362 Survey of French Literature II

FREN 401 Advanced Conversation

FREN 450 Francophone Literature

FREN 463 Modern French Literature

FREN 491 Special Topics

Up to three credits may be applied to the minor from the following with adviser and department approval:

FREN 395 Directed Studies

FREN 399 Independent Study - Juniors

FREN 499 Independent Study - Seniors

ES 366 (two credits) required. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach French in Early Adolescence through Adolescence classrooms.

French, Minor - Teaching - EC-A

Early Childhood/Adolescence, Teaching (Code 260-406)

A minimum of 24 semester credits beyond FREN 102, or 16 semester credits beyond FREN 202, including:

FREN 315 Advanced Grammar in Context 3

FREN 325 Phonetics and Pronunciation 3

FREN 335 Written and Oral Expression 3

or FREN 340 French for Professional Communication

FLG 378 Second Language Acquisition Theory 3

Students may earn their remaining credits from any of the following, but must take a minimum of six credits at the 400 level:

FREN 335 Written and Oral Expression (whichever course is not counted as part of the above core requirements)

or FREN 340 French for Professional Communication

FREN 345 Introduction to Literary Analysis

FREN 354 History of French Civilization

FREN 355 Contemporary French Civilization

FREN 361 Survey of French Literature I

FREN 362 Survey of French Literature II

FREN 401 Advanced Conversation

FREN 450 Francophone Literature

FREN 463 Modern French Literature

FREN 491 Special Topics

Up to three credits may be applied to the minor from the following with adviser and department approval:

FREN 395 Directed Studies

FREN 399 Independent Study - Juniors

FREN 499 Independent Study - Seniors

ES 437 and ES 366 (three credits) required. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option C and leads to licensure to teach French in Early Childhood through Adolescence classrooms when combined with a major in another foreign language at the Early Childhood through Adolescence level.

French, Minor - Teaching - MC-EA

Middle Childhood/Early Adolescence, Teaching (Code 260-405)

A minimum of 24 semester credits beyond FREN 102, or 16 semester credits beyond FREN 202, including:

FREN 315 Advanced Grammar in Context 3

FREN 325 Phonetics and Pronunciation 3

FREN 335 Written and Oral Expression 3

or FREN 340 French for Professional Communication

FLG 378 Second Language Acquisition Theory 3

Students may earn their remaining credits from any of the following, but must take a minimum of six credits at the 400 level: 6

FREN 335 Written and Oral Expression (whichever course is not counted as part of the above core requirements)

or FREN 340 French for Professional Communication

FREN 345 Introduction to Literary Analysis

FREN 354 History of French Civilization

FREN 355 Contemporary French Civilization

FREN 361 Survey of French Literature I

FREN 362 Survey of French Literature II

FREN 401 Advanced Conversation

FREN 450 Francophone Literature

FREN 463 Modern French Literature

FREN 491 Special Topics

Up to three credits may be applied to the minor from the following with adviser and department approval:

FREN 395 Directed Studies

FREN 399 Independent Study - Juniors

FREN 499 Independent Study - Seniors

ES 437 required. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A and leads to licensure to teach French in Middle Childhood through Early Adolescence classrooms.

German Proficiency, Certificate

(Code 280-601)

The Department of Languages offers a certificate program in **German Proficiency** for students in any major or minor other than German who would like to add proficiency in German to their skill set. The program provides students with practical and professional language skills in German, thereby complementing majors in all other disciplines across the university and strengthening the prospects of students who intend to pursue careers or graduate study in the many areas in which proficiency in German is useful.

To complete the certificate, 13 credits beyond GERM 201 are required, including:

GERM 202	Intermediate German II	4
GERM 314	Oral Proficiency	3
GERM 315	German for Professional Communication I	3
GERM 358	Introduction to Translation	2
GERM 395	Directed Studies (during which students prepare and present a translation in their major field of study)	1

Total Credits 13

German, Business/Professions Emphasis, Major

Liberal Arts (Code 280-203)

University Requirements

Code	Title	Credits
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GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation ¹	120
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Upper division credits (courses numbered 300 and higher)	39
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Liberal Education Core (p. 46)	36
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Academic Concentrations (p. 50)	
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Grade Point Requirements (p. 49) ²

Total	2.00 average
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Resident	2.00 average
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Major	2.00 average
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Minor	2.00 average
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Certificate	2.00 average
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University Residency Requirements (p. 50) ³

Minimum total	30
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Senior year	23
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Major, Standard, upper division in residence	12
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Major, Comprehensive, upper division in residence	21
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Certificate 25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements
Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the

MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

A minimum of 36 semester credits in German beyond GERM 102, or 28 semester credits beyond GERM 202.

This emphasis requires:

GERM 313	Grammar Review and Composition	3
GERM 314	Oral Proficiency	3
GERM 315	German for Professional Communication I	3
GERM 316	German for Professional Communication II	3
GERM 325	The German Sound System	3
GERM 358	Introduction to Translation	2
GERM 413	Structure of German in Contrast	3
FLG 275	Off-campus Experience (Two credits) ¹	2

In addition, the student must take one course from the following list:

GERM 340	Introduction to Reading German Literature
GERM 363	Modern Germany: Literature, History, Culture
GERM 480	Seminar in German Culture and Civilization I, pre-1848
GERM 482	Seminar in German Culture and Civilization II, post-1848
another German course focused on civilization, culture, and/or literature as approved by adviser	

¹ to be completed in a German-speaking country or in a German-speaking business environment in the U.S.

German, Liberal Arts Emphasis, Major

Liberal Arts (Code 280-201)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23

Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal	
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>)

One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH

112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

A minimum of 36 semester credits in German beyond GERM 102, or 28 semester credits beyond GERM 202.

This emphasis requires:

GERM 313	Grammar Review and Composition	3
GERM 314	Oral Proficiency	3
GERM 315	German for Professional Communication I	3
GERM 325	The German Sound System	3
GERM 363	Modern Germany: Literature, History, Culture	3

Two 400-level German courses selected from the following:

GERM 413	Structure of German in Contrast
GERM 480	Seminar in German Culture and Civilization I, pre-1848
GERM 482	Seminar in German Culture and Civilization II, post-1848
GERM 491	Special Topics

Courses taken must include at least one from the following list:

GERM 480	Seminar in German Culture and Civilization I, pre-1848
GERM 482	Seminar in German Culture and Civilization II, post-1848
equivalent 400-level German course approved by adviser	

In addition, the student must take one course from the following list:

ARTH 319	Renaissance Art
ARTH 321	Baroque and Rococo Art
GEOG 301	Geography of Western Europe
HIST 102	Western Civilization Since 1660
HIST 284	The Nazis and Germany, 1914-1945
HIST 315	The Age of Reformation
HIST 324	Nineteenth Century Europe, 1815-1914
HIST 326	Twentieth Century Europe, 1900 to Present
HIST 362	Modern Germany
HNRS 103	Honors Colloquium
PHIL 338	Modern European Philosophy I
POLS 327	Politics of Continental Europe
RELS 378	The Holocaust, 1933-1945

or an equivalent course approved by the adviser

German, Major - Teaching

Teaching (Code 280-204)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		
Apply for graduation on CampS.		

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
a minimum of 36 credits		
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>)

Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>)

One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>)

Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>)

One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>)

One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>)

Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>)

One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>)

One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits

Comprehensive Major, in upper division courses	21 credits
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- Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
- Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		
WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	
WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students	
AND at least one oral communication course from the following:		
CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	
S2 (Mathematics)		
LE approved math course		
S3 (Creativity)		
ES 497	Field Experience Seminar (included in major)	2
R1 (Equity, Diversity, Inclusivity)		
ES 385	Social Foundations: Human Relations (included in major)	3
AND another learning experience		
R2 (Global Perspectives)		
One LE approved course		
R3 (Civic and Environmental Issues)		
One LE approved course		
IL (Integration)		

ES 497	Field Experience Seminar (included in major)	2
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AND another learning experience

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EC-A Licensure Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

- a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
- a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option C: EC-A

Early Childhood through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2
Prescribed special methods course(s) (see approved majors and minors below)		
Student Teaching Courses from list below:		14
ES 441	Student Teaching in Elementary Education	7
AND		
ES 445	Student Teaching in Middle Level Education	7
or ES 470	Student Teaching in Secondary Education	
or		
ES 440	Internship Teaching in Elementary Education	7-14
or		
ES 446	Internship Teaching in Middle Level Education	7-14

or			
ES 475	Internship Teaching in Secondary Education		7-14

NOTE 1: SPED 300 (not required of Kinesiology or Music majors).

NOTE 2: ES 441 is not required for Foreign Language majors and minors in the student teaching semester as an earlier elementary level field placement (required by DPI) occurs in ES 437.

NOTE 3: Music Education majors take MUED 318 instead of ES 318 and MUED 487 or MUED 488 instead of ES 441 and one of ES 445 or ES 470, or ES 440, or ES 446, or ES 475.

Approved Majors and Minors for Option C

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II or ACTFL Content Test Required
Art	020-072	ART 304 (Sp), ES 350 (F), ES 354 (Sp)		ETS 0134
Latin American Studies	340-003	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II ACTFL Content Test Required
Music, Instrumental/General	060-057	MUED 211, MUED 300, MUED 310, MUED 318, MUED 411, MUED 421		ETS 0113
Music, Choral/General	060-058	MUED 211, MUED 300, MUED 310, MUED 318, MUED 410, MUED 420		ETS 0113
Kinesiology	991-065	KINS 290		ETS 0091
French	260-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
German	280-204	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Spanish	320-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Theatre Arts	601-204	ES 361 (F)		ETS 0641
Minors	Code	Prescribed Methods Course	Additional Requirement	Praxis II ACTFL Content Test Required
Adaptive Physical Education	991-459		Only with KINS major	No add'l exam
French	260-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc

German	280-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
Spanish	320-407	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
TESOL	550-410	ES 405 (F)	Only with F Lg major	ETS 0361

NOTE: Students completing an EC-A comprehensive major or standard major may complete an additional major or minor with licensure at the EA-A level from the list under Option B above.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

A minimum of 36 semester credits in German beyond GERM 102, or 28 semester credits beyond GERM 202, including:

GERM 313	Grammar Review and Composition	3
GERM 314	Oral Proficiency	3
GERM 315	German for Professional Communication I	3
GERM 325	The German Sound System	3
GERM 363	Modern Germany: Literature, History, Culture	3
GERM 413	Structure of German in Contrast	3
One of the following: 3		
GERM 480	Seminar in German Culture and Civilization I, pre-1848	
GERM 482	Seminar in German Culture and Civilization II, post-1848	
GERM 491	Special Topics	

In addition, students must also take:

FLG 378	Second Language Acquisition Theory	3
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As well as at least one course from the following list:

ARTH 319	Renaissance Art
ARTH 321	Baroque and Rococo Art
GEOG 301	Geography of Western Europe
HIST 102	Western Civilization Since 1660
HIST 284	The Nazis and Germany, 1914-1945
HIST 315	The Age of Reformation
HIST 324	Nineteenth Century Europe, 1815-1914
HIST 326	Twentieth Century Europe, 1900 to Present
HIST 362	Modern Germany
HNRS 103	Honors Colloquium
PHIL 338	Modern European Philosophy I
POLS 327	Politics of Continental Europe
RELS 378	The Holocaust, 1933-1945

or an equivalent course approved by the adviser

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option A or C and leads to licensure to teach German in Early Childhood through Adolescence classrooms.

German, Minor - Liberal Arts

Liberal Arts (Code 280-401)

A minimum of 24 semester credits in German beyond GERM 102, or 16 semester credits beyond GERM 202, including:

GERM 313	Grammar Review and Composition	3
GERM 314	Oral Proficiency	3
GERM 315	German for Professional Communication I	3
GERM 363	Modern Germany: Literature, History, Culture	3

German, Minor - Teaching - EA-A

Early Adolescence/Adolescence, Teaching (Code 280-404)

A minimum of 24 semester credits beyond GERM 102, or 16 semester credits beyond GERM 202, including:

GERM 313	Grammar Review and Composition	3
GERM 314	Oral Proficiency	3
GERM 315	German for Professional Communication I	3
GERM 325	The German Sound System	3
GERM 363	Modern Germany: Literature, History, Culture	3
FLG 378	Second Language Acquisition Theory	3

ES 366 (two credits) required. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach German in Early Adolescence through Adolescence classrooms.

German, Minor - Teaching - EC-A

Early Childhood/Adolescence Teaching (Code 280-406)

A minimum of 24 semester credits beyond GERM 102, or 16 semester credits beyond GERM 202, including:

GERM 313	Grammar Review and Composition	3
GERM 314	Oral Proficiency	3
GERM 315	German for Professional Communication I	3
GERM 325	The German Sound System	3
GERM 363	Modern Germany: Literature, History, Culture	3
FLG 378	Second Language Acquisition Theory	3

ES 437 and ES 366 (three credits) required. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option C and leads to licensure to teach German in Early Childhood through Adolescence classrooms when combined with a major in another foreign language at the Early Childhood through Adolescence level.

German, Minor - Teaching - MC-EA

Middle Childhood/Early Adolescence, Teaching (Code 280-405)

A minimum of 24 semester credits beyond GERM 102, or 16 semester credits beyond GERM 202, including:

GERM 313	Grammar Review and Composition	3
GERM 314	Oral Proficiency	3
GERM 315	German for Professional Communication I	3
GERM 325	The German Sound System	3
GERM 363	Modern Germany: Literature, History, Culture	3
FLG 378	Second Language Acquisition Theory	3

ES 437 required. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A and leads to licensure to teach German in Middle Childhood through Early Adolescence classrooms.

Japanese, Minor

Liberal Arts (Code 270-401)

A minimum of 24 semester credits, including 16 credits in core courses:

JAPN 101	Beginning Japanese I	4
JAPN 102	Beginning Japanese II	4
JAPN 201	Intermediate Japanese I	4
JAPN 202	Intermediate Japanese II	4

Eight credits from the following, of which a minimum of six credits must be at the 300 or 400 level:

ECON 353	Economics of Pacific Asia	
FLG 150	Foreign Civilization and Culture (when focusing on Japan)	
HIST 152	Modern East and Southeast Asia	
HIST 389	History of Japan	
JAPN 301	Advanced Japanese Language and Culture I	
JAPN 302	Advanced Japanese Language and Culture II	
RELS 312	Buddhism: Past and Present	
RELS 323	Chinese and Japanese Religions	
RELS 326	Asian Religious Philosophies	

Additionally, up to three credits of Directed Studies or Independent Study for projects focusing on Japan may be applied to the minor with approval from the minor adviser.

Other Special Topics courses focusing on Japan may be considered as elective courses with consultation and approval of the minor adviser. Students are strongly encouraged to participate in the study abroad program in Japan. Course credit gained at the study abroad site may be used to fulfill part of the Japanese minor with approval of the minor adviser.

Ojibwe Language, Certificate

(Code 290-601)

The Ojibwe Language Certificate provides students with the opportunity to become part of the global movement to revitalize endangered Indigenous languages. Upon completion of this certificate students will be able to: converse in Ojibwe at an intermediate level, have the linguistic and cultural competency to function effectively and appropriately in an Ojibwe cultural setting, be able to conduct future Ojibwe language research, and learn oral presentations skills which can be applied to any language.

To complete the certificate, students must have a minimum of 15 credits, including:

LANG/AIS 121	Beginning Ojibwe ¹	4
LANG/AIS 122	Beginning Ojibwe II ²	4
LANG/AIS 221	Intermediate Ojibwe	4
Remaining credits may be selected from the following elective courses:		3-4
LANG 160	Ojibwe Culture and History	
LANG/AIS 222	Intermediate Ojibwe II	

¹ AIS 111 may be substituted for LANG/AIS 121 if the topic is focused on Ojibwe language.

² AIS 112 may be substituted for LANG/AIS 122 if the topic is focused on Ojibwe language.

Note: For students pursuing the American Indian Studies Major and Ojibwe Language Certificate as their first and second degree programs to meet graduation requirements, at least 12 unique credits between the major and certificate is required.

Spanish for Health Professions, Minor

Liberal Arts (Code 320-408)

Information for all Spanish Majors and Minors

All Spanish majors and minors in any of the emphases offered must complete an appropriate period of language immersion in residence in a country in which the language is spoken, or participate in an alternative language immersion experience that must be approved by the Spanish section. The minimum time period for meeting the residence/immersion requirement is six weeks; however, the Spanish section recommends that students spend at least one semester abroad.

Students who pursue Spanish and Latin American Studies liberal arts program combinations will need to earn at least 48 unique credits between any major-minor or major-certificate program combinations and 54 unique credits between any major-major program combinations for purposes of meeting graduation requirements for first and second degree programs.

A minimum of 24 semester credits beyond SPAN 102, or 16 credits beyond SPAN 202, including:

SPAN 301	Advanced Composition	3
SPAN 302	Advanced Conversation and Composition	3
SPAN 420	Spanish for Health Professions	3

LAS 222	Introduction to U.S. Latino History and Culture	3
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Choose one course from the following:		
SPAN 325	Phonetics and Pronunciation	3
SPAN 405	Advanced Conversation	3
SPAN 409	The Craft of Translation	3
And, one 300-level Spanish elective course (1, 2, or 3 credits) is required. ¹		1-3

¹ SPAN 352/LAS 352 is highly recommended.

Spanish, Liberal Arts, Major

Liberal Arts (Code 320-201)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major

department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Information for all Spanish Majors and Minors

All Spanish majors and minors in any of the emphases offered must complete an appropriate period of language immersion in residence in a country in which the language is spoken, or participate in an alternative language immersion experience that must be approved by the Spanish section. The minimum time period for meeting the residence/immersion requirement is six weeks; however, the Spanish section recommends that students spend at least one semester abroad.

Students who pursue Spanish and Latin American Studies liberal arts program combinations will need to earn at least 48 unique credits between any major-minor or major-certificate program combinations and 54 unique credits between any major-major program combinations for purposes of meeting graduation requirements for first and second degree programs.

All Spanish, Liberal Arts Majors will take a minimum of 36 credits beyond SPAN 102, or 28 credits beyond SPAN 202, including:

Core Courses:

SPAN 301	Advanced Composition	3
SPAN 302	Advanced Conversation and Composition	3
SPAN 325	Phonetics and Pronunciation	3
SPAN 352	Latin American Civilization	3
or SPAN 354	Latin American Civilization: Regional Focus	
SPAN 405	Advanced Conversation	3

Liberal Arts Emphasis

In addition to the requirements above, this emphasis requires:

One survey course:

SPAN 360	Survey of Hispanic Linguistics	3
SPAN 363	Survey of Spanish Peninsular Literature	3
SPAN/LAS 367	Survey of Latin American Literature	3

Two interest courses:

SPAN 340	Spanish for Business	3
SPAN 355	Spanish Civilization to 1900	3
SPAN 356	Contemporary Spain	3
SPAN 410	Advanced Grammar	3
SPAN 418	Spanish Sociolinguistics in Latin America/USA	3
SPAN 420	Spanish for Health Professions	3

One 400-level advanced course:

SPAN 409	The Craft of Translation	3
SPAN 492	Seminar in Hispanic Linguistics Research	3

or an advanced literature course

One upper-division Spanish elective course (300 level or higher) from one to three credits

In addition, the student must take one course from the following list:

ARTH/AIS 335	Ancient Art and Architecture of Mexico and Central America	3
ARTH/AIS 337	Art of Tawantinsuyo	3
AIS/ANTH 161	Introduction to Cultural Anthropology	3
CSD 311	Language Development and Disorders: Related Disciplines	3
ECON/LAS 356	Economic Development of Latin America	3
ENGL 321	Topics in the Structure of English	3
ENGL 397	Writing Center Theory & Practice	3
GEOG/LAS 321	Geography of Latin America	3
HIST/LAS 309	Latin America Through Independence	3
HIST/LAS 311	Latin America Since Independence	3
HNRS 304	Honors Colloquium (when offered as Crossing Borders: Discourses from Latin America)	3-4
LAS 150	Introduction to Latin American Studies	3
LAS 222	Introduction to U.S. Latino History and Culture	3
LAS 314	Music and Dance of Latin America	3
MATH 107	Mathematics in Latin American Cultures	4

NRS 389	Cross Cultural Health	3
PHIL 322	Philosophy of Language	3
POLS/LAS 319	Politics of Latin America	3
RELS/AIS 330	Indigenous Religions of the Americas	3
WMNS 422	Women's Studies Advanced Travel Seminar (when offered as Women in Nicaragua)	1-6

The flexibility to choose from a variety of courses after those required in the core provides interested students with the opportunity to focus on Spanish for the professions, or Spanish linguistics if they so desire.

Spanish, Major - Teaching**Teaching (Code 320-203)****University Requirements**

Code	Title	Credits
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GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE**Credit Requirements**

Minimum total for graduation ¹	120
Upper division credits (courses numbered 300 and higher)	39
Liberal Education Core (p. 46)	36

Academic Concentrations (p. 50)**Grade Point Requirements (p. 49) ²**

Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50) ³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average

Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		
WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	
WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students	
AND at least one oral communication course from the following:		
CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	
S2 (Mathematics)		
LE approved math course		
S3 (Creativity)		
ES 497	Field Experience Seminar (included in major)	2

R1 (Equity, Diversity, Inclusivity)		
ES 385	Social Foundations: Human Relations (included in major)	3
AND another learning experience		
R2 (Global Perspectives)		
One LE approved course		
R3 (Civic and Environmental Issues)		
One LE approved course		
IL (Integration)		
ES 497	Field Experience Seminar (included in major)	2
AND another learning experience		

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EC-A Licensure Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option C: EC-A Early Childhood through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2
Prescribed special methods course(s) (see approved majors and minors below)		
Student Teaching Courses from list below:		14
ES 441	Student Teaching in Elementary Education	7

AND		
ES 445	Student Teaching in Middle Level Education	7
or ES 470 Student Teaching in Secondary Education		
or		
ES 440	Internship Teaching in Elementary Education	7-14
or		
ES 446	Internship Teaching in Middle Level Education	7-14
or		
ES 475	Internship Teaching in Secondary Education	7-14

NOTE 1: SPED 300 (not required of Kinesiology or Music majors).

NOTE 2: ES 441 is not required for Foreign Language majors and minors in the student teaching semester as an earlier elementary level field placement (required by DPI) occurs in ES 437.

NOTE 3: Music Education majors take MUED 318 instead of ES 318 and MUED 487 or MUED 488 instead of ES 441 and one of ES 445 or ES 470, or ES 440, or ES 446, or ES 475.

Approved Majors and Minors for Option C

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II or ACTFL Content Test Required
Art	020-072	ART 304 (Sp), ES 350 (F), ES 354 (Sp)		ETS 0134
Latin American Studies	340-003	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc

Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II ACTFL Content Test Required
Music, Instrumental/General	060-057	MUED 211, MUED 300, MUED 310, MUED 318, MUED 411, MUED 421		ETS 0113
Music, Choral/General	060-058	MUED 211, MUED 300, MUED 310, MUED 318, MUED 410, MUED 420		ETS 0113
Kinesiology	991-065	KINS 290		ETS 0091
French	260-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
German	280-204	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Spanish	320-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Theatre Arts	601-204	ES 361 (F)		ETS 0641

Minors	Code	Prescribed Methods Course	Additional Requirement	Praxis II ACTFL Content TEst Required
Adaptive Physical Education	991-459		Only with KINS major	No add'l exam
French	260-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
German	280-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
Spanish	320-407	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
TESOL	550-410	ES 405 (F)	Only with F Lg major	ETS 0361

NOTE: Students completing an EC-A comprehensive major or standard major may complete an additional major or minor with licensure at the EA-A level from the list under Option B above.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Information for all Spanish Majors and Minors

All Spanish majors and minors in any of the emphases offered must complete an appropriate period of language immersion in residence in a country in which the language is spoken, or participate in an alternative language immersion experience that must be approved by the Spanish section. The minimum time period for meeting the residence/immersion requirement is six weeks; however, the Spanish section recommends that students spend at least one semester abroad.

Minimum of 36 credits beyond SPAN 102 (Beginning Spanish), or a minimum of 28 credits beyond SPAN 202 (Intermediate Spanish),

SPAN 301	Advanced Composition	3
SPAN 302	Advanced Conversation and Composition	3
SPAN 325	Phonetics and Pronunciation	3

Spanish, Major - Teaching

In addition to the requirements above, this emphasis requires:

SPAN/LAS 352	Latin American Civilization	3
or SPAN 354	Latin American Civilization: Regional Focus	
SPAN 355	Spanish Civilization to 1900	3
or SPAN 356	Contemporary Spain	
SPAN 363	Survey of Spanish Peninsular Literature	3
SPAN/LAS 367	Survey of Latin American Literature	3
SPAN 405	Advanced Conversation	3
SPAN 410	Advanced Grammar	3

Elective: One course

Any upper division course in Spanish (300 level or above)

SPAN 409 or an advanced literature course highly recommended but not required.

Additional Required Courses for Certification

FLG 378	Second Language Acquisition Theory	3
ES 366	Teaching Foreign Languages Grades 5-12	2-3
ES 437	Teaching Foreign Languages in Grades 1-8	2

NOTE 1: This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option A or C and leads to licensure to teach Spanish in Early Childhood through Adolescence classrooms.

NOTE 2: For certification, passing the OPI or OPIc and WPT with a score of Intermediate High or above on the ACTFL rating scale is required. Please see your adviser for additional certification requirements.

Spanish, Minor - Liberal Arts

Liberal Arts (Code 320-401)

Information for all Spanish Majors and Minors

All Spanish majors and minors in any of the emphases offered must complete an appropriate period of language immersion in residence in a country in which the language is spoken, or participate in an alternative language immersion experience that must be approved by the Spanish section. The minimum time period for meeting the residence/immersion requirement is six weeks; however, the Spanish section recommends that students spend at least one semester abroad.

Students who pursue Spanish and Latin American Studies liberal arts program combinations will need to earn at least 48 unique credits between any major-minor or major-certificate program combinations and 54 unique credits between any major-major program combinations for purposes of meeting graduation requirements for first and second degree programs.

A minimum of 24 semester credits beyond SPAN 102, or 16 credits beyond SPAN 202, including:

SPAN 301	Advanced Composition	3
SPAN 302	Advanced Conversation and Composition	3
Nine credits from the following:		9
SPAN 325	Phonetics and Pronunciation	
SPAN 355	Spanish Civilization to 1900	
SPAN 356	Contemporary Spain	
SPAN 405	Advanced Conversation	
SPAN/LAS 352	Latin American Civilization	

Spanish, Minor - Teaching - EA-A

Early Adolescence/Adolescence, Teaching (Code 320-405)

Information for all Spanish Majors and Minors

All Spanish majors and minors in any of the emphases offered must complete an appropriate period of language immersion in residence in a country in which the language is spoken, or participate in an alternative language immersion experience that must be approved by the Spanish section. The minimum time period for meeting the residence/immersion requirement is six weeks; however, the Spanish section recommends that students spend at least one semester abroad.

A minimum of 24 semester credits beyond SPAN 102, or 16 credits beyond Span 202, including:

SPAN 301	Advanced Composition	3
SPAN 302	Advanced Conversation and Composition	3

SPAN 325	Phonetics and Pronunciation	3
SPAN 410	Advanced Grammar	3

One civilization course from the following:

SPAN 355	Spanish Civilization to 1900	
SPAN 356	Contemporary Spain	
SPAN/LAS 352	Latin American Civilization	

Required:

FLG 378	Second Language Acquisition Theory	3
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ES 366 (two credits) required. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Spanish in Early Adolescence through Adolescence classrooms.

Spanish, Minor - Teaching - EC-A

Early Childhood/Adolescence, Teaching (Code 320-407)

Information for all Spanish Majors and Minors

All Spanish majors and minors in any of the emphases offered must complete an appropriate period of language immersion in residence in a country in which the language is spoken, or participate in an alternative language immersion experience that must be approved by the Spanish section. The minimum time period for meeting the residence/immersion requirement is six weeks; however, the Spanish section recommends that students spend at least one semester abroad.

A minimum of 24 semester credits beyond SPAN 102, or 16 credits beyond Span 202, including:

SPAN 301	Advanced Composition	3
SPAN 302	Advanced Conversation and Composition	3
SPAN 325	Phonetics and Pronunciation	3
SPAN 410	Advanced Grammar	3

One civilization course from the following:

SPAN 355	Spanish Civilization to 1900	
SPAN 356	Contemporary Spain	
SPAN/LAS 352	Latin American Civilization	

Required:

FLG 378	Second Language Acquisition Theory	3
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ES 437 and ES 366 (three credits) required. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option C and leads to licensure to teach Spanish in Early Childhood through Adolescence classrooms when combined with a major in another foreign language at the Early Childhood through Adolescence level.

Spanish, Minor - Teaching - MC-EA

Middle Childhood/Early Adolescence, Teaching (Code 320-406)

Information for all Spanish Majors and Minors

All Spanish majors and minors in any of the emphases offered must complete an appropriate period of language immersion in residence in a country in which the language is spoken, or participate in an alternative language immersion experience that must be approved by the Spanish section. The

minimum time period for meeting the residence/immersion requirement is six weeks; however, the Spanish section recommends that students spend at least one semester abroad.

A minimum of 24 semester credits beyond SPAN 102, or 16 credits beyond Span 202, including:

SPAN 301	Advanced Composition	3
SPAN 302	Advanced Conversation and Composition	3
SPAN 325	Phonetics and Pronunciation	3
SPAN 410	Advanced Grammar	3

One civilization course from the following:

SPAN 355	Spanish Civilization to 1900	
SPAN 356	Contemporary Spain	
SPAN/LAS 352	Latin American Civilization	

Required:

FLG 378	Second Language Acquisition Theory	3
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ES 437 required. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A and leads to licensure to teach Spanish in Middle Childhood through Early Adolescence classrooms.

Latin American Studies

Hibbard Humanities Hall 384

715-836-3212

www.uwec.edu/las (<http://www.uwec.edu/las>)

The globally interdependent nature of today's world makes second language proficiency and cross-cultural understanding valuable assets for students in any field. Students in the Latin American Studies (LAS) Program can develop a high proficiency in Spanish through the LAS core language courses and language immersion requirements. Students also gain in-depth knowledge and understanding of Latin America and Latinos/Hispanics in the United States through an array of courses from multiple disciplines including economics, geography, political science, art history, religion, history, anthropology, women's studies, and public and environmental health.

The significant Latino/Hispanic population in the United States and the increasing social, cultural, and economic interconnectedness between the countries and peoples of the hemisphere will increase the demand for professionals who are both proficient in the Spanish language and prepared to work with Latinos/Hispanics and the people of Latin America. The major is well suited for students who plan to:

1. pursue careers which require residence in or knowledge of Latin America (e.g., business, journalism, government, and NGOs);
2. teach Spanish in Early Childhood through Adolescence classrooms; and/or
3. pursue graduate work in Latin American studies or other disciplines where a Latin American specialization would be helpful (e.g., Latin American and Latino literature, political science, economics, history, art history).

Note: Students who pursue Latin American Studies and Spanish liberal arts program combinations will need to earn at least 48 unique credits between any major-minor or major-certificate program combinations and 54 unique credits between any major-major program combinations for purposes of meeting graduation requirements for first and second degree programs.

Application for Admission to Latin American Studies Internships

Applying for Admission to the Internship: Visit the Latin American Studies Program's web page or talk to your adviser or the LAS Program Director to learn about the application requirements and procedures for internships. Students planning to enroll in LAS 488/LAS 688, Internship, or LAS 498/LAS 698, Internship with Language Immersion, in the summer or fall must apply no later than February 1 of the year of internship for summer or fall enrollment. October 1 is the deadline for winter or spring enrollment.

Optional Concentrations

Students interested in demonstrating their expertise in a particular substantive area may choose to create an optional concentration. Students should consult their adviser to discuss the following concentrations or to develop other areas of expertise. Optional concentrations consist of a minimum of 12 credits.

First Nations

ARTH/AIS 335	Ancient Art and Architecture of Mexico and Central America	3
ARTH/AIS 337	Art of Tawantinsuyo	3
MATH 107	Mathematics in Latin American Cultures	4
RELS/AIS 330	Indigenous Religions of the Americas	3

Development

ANTH/WMNS 356	Women in Cross-Cultural Perspective	3
LAS/ECON 356	Economic Development of Latin America	3
LAS/POLS 319	Politics of Latin America	3
LAS/POLS 320	Caribbean Politics	3
LAS/GEOG 321	Geography of Latin America	3
History		
ARTH/AIS 335	Ancient Art and Architecture of Mexico and Central America	3
ARTH/AIS 337	Art of Tawantinsuyo	3
LAS 222	Introduction to U.S. Latino History and Culture	3
LAS/HIST 309	Latin America Through Independence	3
LAS/HIST 311	Latin America Since Independence	3
Cultural Studies		
ARTH/AIS 335	Ancient Art and Architecture of Mexico and Central America	3
ARTH/AIS 337	Art of Tawantinsuyo	3
LAS 222	Introduction to U.S. Latino History and Culture	3
LAS 314	Music and Dance of Latin America	3
LAS/FLTR 350	Latin American Literature in Translation	3
LAS 491	Special Topics (when topic relates to cultural studies)	3
Women's Studies		
ANTH/WMNS 356	Women in Cross-Cultural Perspective	3
LAS/ECON 356	Economic Development of Latin America	3
WMNS/SPAN 482	Women in Latin American Literature	3
WMNS 422	Women's Studies Advanced Travel Seminar (when offered as Women in Nicaragua)	1-6
Spanish for Business/Health		
SPAN 409	The Craft of Translation	3
SPAN 410	Advanced Grammar	3
SPAN 420	Spanish for Health Professions	3
SPAN 440	Spanish Business Writing	3
Spanish Language, Linguistics and Literature		
LAS/SPAN 367	Survey of Latin American Literature	3
LAS/SPAN 475	Topics in Latin American Literature	3
LAS/SPAN 476	The Novel in Latin America I: 1850-1950	3
LAS/SPAN 477	The Novel in Latin America II: 1950-Present	3
LAS/SPAN 480	Latin American Literature and Film	3
SPAN 325	Phonetics and Pronunciation	3
SPAN 360	Survey of Hispanic Linguistics	3
SPAN 405	Advanced Conversation	3
SPAN 409	The Craft of Translation	3
SPAN 410	Advanced Grammar	3
SPAN/LAS 418	Spanish Sociolinguistics in Latin America/USA	3
SPAN 491	Special Topics (Latin American or Phonetics topics only)	1-3
SPAN 492	Seminar in Hispanic Linguistics Research	3

Sustainability

BIOL 320	Studies in Tropical Environments (when relates to Latin America)	3
LAS/ECON 356	Economic Development of Latin America	3
LAS/GEOG 321	Geography of Latin America	3

Faculty

Manuel Fernandez, Program Director

Gerardo Licón

Majors

- Comprehensive Major Latin American Studies, Liberal Arts - B.A./B.S. (p. 306)
- Comprehensive Major Latin American Studies, Teaching - B.A. (p. 298)
- Major: Latin American Studies, Language Emphasis, Liberal Arts - B.A./B.S. (p. 304)
- Major: Latin American Studies, Culture, Language and Society Emphasis, Liberal Arts - B.A./B.S. (p. 301)

Minors

- Minor: Latin American Studies, Liberal Arts (p. 308)

Latin American Studies, Comprehensive Major - Teaching

Teaching (Code 340-003)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
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One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
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One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
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Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
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Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
---	------------------------------

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
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One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
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Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
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One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
--	------------------------------

Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
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Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
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Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		
WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	

WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students	
AND at least one oral communication course from the following:		
CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	

S2 (Mathematics)		
LE approved math course		

S3 (Creativity)		
ES 497	Field Experience Seminar (included in major)	2

R1 (Equity, Diversity, Inclusivity)		
ES 385	Social Foundations: Human Relations (included in major)	3

AND another learning experience

R2 (Global Perspectives)		
One LE approved course		

R3 (Civic and Environmental Issues)		
One LE approved course		

IL (Integration)		
ES 497	Field Experience Seminar (included in major)	2

AND another learning experience

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EC-A Licensure

Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option C: EC-A

Early Childhood through Adolescence Licensure

Code	Title	Credits
Professional Sequence		

ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2
Prescribed special methods course(s) (see approved majors and minors below)		
Student Teaching Courses from list below:		14
ES 441	Student Teaching in Elementary Education	7
AND		
ES 445	Student Teaching in Middle Level Education	7
or ES 470 Student Teaching in Secondary Education		
or		
ES 440	Internship Teaching in Elementary Education	7-14
or		
ES 446	Internship Teaching in Middle Level Education	7-14
or		
ES 475	Internship Teaching in Secondary Education	7-14

NOTE 1: SPED 300 (not required of Kinesiology or Music majors).

NOTE 2: ES 441 is not required for Foreign Language majors and minors in the student teaching semester as an earlier elementary level field placement (required by DPI) occurs in ES 437.

NOTE 3: Music Education majors take MUED 318 instead of ES 318 and MUED 487 or MUED 488 instead of ES 441 and one of ES 445 or ES 470, or ES 440, or ES 446, or ES 475.

Approved Majors and Minors for Option C

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II or ACTFL Content Test Required
Art	020-072	ART 304 (Sp), ES 350 (F), ES 354 (Sp)		ETS 0134
Latin American Studies	340-003	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II ACTFL Content Test Required

Music, Instrumental/General	060-057	MUED 211, MUED 300, MUED 310, MUED 318, MUED 411, MUED 421		ETS 0113
Music, Choral/General	060-058	MUED 211, MUED 300, MUED 310, MUED 318, MUED 410, MUED 420		ETS 0113
Kinesiology	991-065	KINS 290		ETS 0091
French	260-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
German	280-204	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Spanish	320-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Theatre Arts	601-204	ES 361 (F)		ETS 0641

Minors	Code	Prescribed Methods Course	Additional Requirement	Praxis II ACTFL Content Test Required
Adaptive Physical Education	991-459		Only with KINS major	No addtl exam
French	260-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
German	280-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
Spanish	320-407	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
TESOL	550-410	ES 405 (F)	Only with F Lg major	ETS 0361

NOTE: Students completing an EC-A comprehensive major or standard major may complete an additional major or minor with licensure at the EA-A level from the list under Option B above.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Sixty semester credits with at least 30 Spanish language credits (including courses cross-listed with Spanish) from:

Required Courses: 30-33 credits		
FLG 378	Second Language Acquisition Theory	3
LAS 150	Introduction to Latin American Studies	3
LAS 222	Introduction to U.S. Latino History and Culture	3

Select one of the following:

LAS/SPAN 352	Latin American Civilization
--------------	-----------------------------

LAS/SPAN 354	Latin American Civilization Regional Focus	
Required:		
LAS/SPAN 367	Survey of Latin American Literature	3
LAS 450	Capstone for Latin American Studies (minimum one credit)	1-3
SPAN 301	Advanced Composition	3
SPAN 302	Advanced Conversation and Composition	3
SPAN 325	Phonetics and Pronunciation	3
SPAN 405	Advanced Conversation	3
SPAN 410	Advanced Grammar	3
At least one of the following:		3
SPAN 360	Survey of Hispanic Linguistics	
SPAN/LAS 418	Spanish Sociolinguistics in Latin America/USA	
SPAN/LAS 475	Topics in Latin American Literature	
SPAN/LAS 476	The Novel in Latin America I: 1850-1950	
SPAN/LAS 477	The Novel in Latin America II: 1950-Present	
SPAN/LAS 480	Latin American Literature and Film	
SPAN/WMNS 482	Women in Latin American Literature	
And at least 6 additional credits in upper division Spanish or Spanish/LAS courses.		6
Electives ¹		
A minimum of 21 credits:		21
ANTH/WMNS 356	Women in Cross-Cultural Perspective	
ARTH/AIS 335	Ancient Art and Architecture of Mexico and Central America	
ARTH/AIS 337	Art of Tawantinsuyo	
ENGL 397	Writing Center Theory & Practice	
HNRS 304	Honors Colloquium (when offered as Crossing Borders: Discourses from Latin America)	
HIST/LAS 309	Latin America Through Independence	
HIST/LAS 311	Latin America Since Independence	
LAS 314	Music and Dance of Latin America	
LAS/POLS 319	Politics of Latin America	
LAS/POLS 320	Caribbean Politics	
LAS/GEOG 321	Geography of Latin America	
LAS/FLTR 350	Latin American Literature in Translation	
LAS/ECON 356	Economic Development of Latin America	

LAS 390	Latin American Studies Immersion Experience
LAS 395	Directed Studies
LAS 488	Internship ²
LAS 491	Special Topics
LAS 498	Internship with Language Immersion ²
MATH 107	Mathematics in Latin American Cultures
RELS/AIS 330	Indigenous Religions of the Americas
SOC 312	Race and Ethnicity in the U.S.
or SOC 314	Social Class and Inequality
SPAN 492	Seminar in Hispanic Linguistics Research
WMNS 422	Women's Studies Advanced Travel Seminar (when offered as Women in Nicaragua)

Language Immersion Requirement³

- or equivalent courses offered in the study abroad programs
- Students may earn a total of six credits from LAS 488 and LAS 498, but only three credits can count for the major.
- Language Immersion Requirement:** Comprehensive Teaching majors must complete an appropriate period of language immersion in residence in an approved academic program in a Latin American country. Students facing extenuating circumstances may participate in an alternative domestic language immersion experience pre-approved and determined in conjunction with the LAS Committee from the following options: National Student Exchange, internship or volunteer work. The minimum time period for meeting the residence/immersion requirement is six weeks. However, the Latin American Studies program recommends that students spend at least one semester abroad.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option C and leads to licensure to teach Spanish in Early Childhood through Adolescence classrooms.

Latin American Studies, Culture, Language and Society Emphasis, Major

Liberal Arts (Code 340-204)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49)²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average

Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50)³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
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One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
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One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
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Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
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Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
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One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
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One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
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Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
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One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
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Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
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Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
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Service-Learning Goal

Service-Learning (p. 49)	30 hours
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College Degree Requirements**Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)**

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Minimum 36 semester credits including:

Required Courses-15 to 18 credits

LAS 150	Introduction to Latin American Studies	3
LAS 222	Introduction to U.S. Latino History and Culture	3

Select one of the following:

LAS/SPAN 352	Latin American Civilization	
LAS/SPAN 354	Latin American Civilization Regional Focus	

Required:

LAS 450	Capstone for Latin American Studies (minimum one credit)	1-3
SPAN 301	Advanced Composition	3
SPAN 302	Advanced Conversation and Composition	3

Electives-a minimum of 18 credits¹

At least 12 credits from the following: 12

ANTH/WMNS 356	Women in Cross-Cultural Perspective	
ARTH/AIS 335	Ancient Art and Architecture of Mexico and Central America	
ARTH/AIS 337	Art of Tawantinsuyo	
HNRS 304	Honors Colloquium (when offered as Crossing Borders: Discourses from Latin America)	
LAS/HIST 309	Latin America Through Independence	
LAS/HIST 311	Latin America Since Independence	
LAS 314	Music and Dance of Latin America	
LAS/POLS 319	Politics of Latin America	
LAS/POLS 320	Caribbean Politics	
LAS/GEOG 321	Geography of Latin America	
LAS/FLTR 350	Latin American Literature in Translation	
LAS/ECON 356	Economic Development of Latin America	

LAS 390	Latin American Studies Immersion Experience	
LAS 395	Directed Studies	
LAS 488	Internship ²	
LAS 491	Special Topics	
LAS 498	Internship with Language Immersion ²	
MATH 107	Mathematics in Latin American Cultures	
RELS/AIS 330	Indigenous Religions of the Americas	
SOC 312	Race and Ethnicity in the U.S.	
or SOC 314	Social Class and Inequality	
SPAN 492	Seminar in Hispanic Linguistics Research	
WMNS 422	Women's Studies Advanced Travel Seminar (when offered as Women in Nicaragua)	
Maximum of six credits from the following:		6
LAS/SPAN 367	Survey of Latin American Literature	
LAS/SPAN 475	Topics in Latin American Literature	
LAS/SPAN 476	The Novel in Latin America I: 1850-1950	
LAS/SPAN 477	The Novel in Latin America II: 1950-Present	
LAS/SPAN 480	Latin American Literature and Film	
SPAN 325	Phonetics and Pronunciation	
SPAN 340	Spanish for Business	
SPAN 360	Survey of Hispanic Linguistics	
SPAN 405	Advanced Conversation	
SPAN 409	The Craft of Translation	
SPAN 410	Advanced Grammar	
SPAN/LAS 418	Spanish Sociolinguistics in Latin America/USA	
SPAN 420	Spanish for Health Professions	
SPAN 440	Spanish Business Writing	
SPAN/WMNS 482	Women in Latin American Literature	
SPAN 491	Special Topics (Latin American or Phonetics topics only)	
Language Immersion Requirement ³		

¹ or equivalent courses offered in the study abroad programs

² Students may earn a total of six credits from LAS 488 and LAS 498, but only three credits can count for the major.

³ **Language Immersion Requirement:** Liberal Arts majors must complete an appropriate period of language immersion in residence in an approved academic program in a Latin American country. Students facing extenuating circumstances may participate in an alternative domestic language immersion experience pre-approved and determined in conjunction with the LAS Committee from the following options: National Student Exchange, internship, or volunteer work. The minimum time period for meeting the residence/immersion requirement is six weeks. However, the Latin American Studies Program recommends that students spend at least one semester abroad.

Latin American Studies, Language Emphasis, Major

Liberal Arts (Code 340-203)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
a minimum of 36 credits		
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>)

Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>)

One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>)

Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>)

One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>)

One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>)

Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>)

One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>)

One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Minimum 36 semester credits including:

Required Courses-15-18 credits

LAS 150	Introduction to Latin American Studies	3
LAS 222	Introduction to U.S. Latino History and Culture	3

Select one of the following:

LAS/SPAN 352	Latin American Civilization	
LAS/SPAN 354	Latin American Civilization Regional Focus	

Required:

LAS 450	Capstone for Latin American Studies (minimum one credit)	1-3
SPAN 301	Advanced Composition	3
SPAN 302	Advanced Conversation and Composition	3

At least 9 credits from the following: 9

LAS/SPAN 367	Survey of Latin American Literature	
LAS/SPAN 475	Topics in Latin American Literature	

LAS/SPAN 476	The Novel in Latin America I: 1850-1950	
LAS/SPAN 477	The Novel in Latin America II: 1950-Present	
LAS/SPAN 480	Latin American Literature and Film	
SPAN 325	Phonetics and Pronunciation	
SPAN 340	Spanish for Business	
SPAN 360	Survey of Hispanic Linguistics	
SPAN 405	Advanced Conversation	
SPAN 409	The Craft of Translation	
SPAN 410	Advanced Grammar	
SPAN/LAS 418	Spanish Sociolinguistics in Latin America/ USA	
SPAN 420	Spanish for Health Professions	
SPAN 440	Spanish Business Writing	
SPAN/ WMNS 482	Women in Latin American Literature	
SPAN 491	Special Topics (Latin American or Phonetics topics only)	
Electives-a minimum of 9 credits ¹		9
ANTH/ WMNS 356	Women in Cross-Cultural Perspective	
ARTH/AIS 335	Ancient Art and Architecture of Mexico and Central America	
ARTH/AIS 337	Art of Tawantinsuyo	
HNRS 304	Honors Colloquium (when offered as Crossing Borders: Discourses from Latin America)	
LAS/HIST 309	Latin America Through Independence	
LAS/HIST 311	Latin America Since Independence	
LAS 314	Music and Dance of Latin America	
LAS/POLS 319	Politics of Latin America	
LAS/POLS 320	Caribbean Politics	
LAS/GEOG 321	Geography of Latin America	
LAS/FLTR 350	Latin American Literature in Translation	
LAS/ECON 356	Economic Development of Latin America	
LAS 390	Latin American Studies Immersion Experience	
LAS 395	Directed Studies	
LAS 488	Internship ²	
LAS 491	Special Topics	
LAS 498	Internship with Language Immersion ²	
MATH 107	Mathematics in Latin American Cultures	
RELS/AIS 330	Indigenous Religions of the Americas	
SOC 312	Race and Ethnicity in the U.S.	

or SOC 314 Social Class and Inequality

SPAN 492 Seminar in Hispanic Linguistics Research

WMNS 422 Women's Studies Advanced Travel Seminar (when offered as Women in Nicaragua)

Language Immersion Requirement³

- or equivalent courses offered in the study abroad programs
- Students may earn a total of six credits from LAS 488 and LAS 498, but only three credits can count for the major.
- Language Immersion Requirement:** Liberal Arts majors must complete an appropriate period of language immersion in residence in an approved academic program in a Latin American country. Students facing extenuating circumstances may participate in an alternative domestic language immersion experience pre-approved and determined in conjunction with the LAS Committee from the following options: National Student Exchange, internship, or volunteer work. The minimum time period for meeting the residence/immersion requirement is six weeks. However, the Latin American Studies Program recommends that students spend at least one semester abroad.

Latin American Studies, Liberal Arts, Comprehensive Major

Liberal Arts (Code 340-002)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49)²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50)³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
	Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
	Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal		
	Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
	Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
	Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal		
	Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
	Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
	Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal		
	Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal		
	Service-Learning (p. 49)	30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Minimum 60 semester credits including:

Required courses-18-21 credits		
LAS 150	Introduction to Latin American Studies	3
LAS 222	Introduction to U.S. Latino History and Culture	3

Select one of the following:

LAS/SPAN 352	Latin American Civilization	
LAS/SPAN 354	Latin American Civilization Regional Focus	

Required:		
LAS/SPAN 367	Survey of Latin American Literature	3
LAS 450	Capstone for Latin American Studies (minimum one credit)	1-3
SPAN 301	Advanced Composition	3
SPAN 302	Advanced Conversation and Composition	3

and a minimum of 5 credits and a maximum of 9 credits from the following:

LAS/SPAN 475	Topics in Latin American Literature	
LAS/SPAN 476	The Novel in Latin America I: 1850-1950	
LAS/SPAN 477	The Novel in Latin America II: 1950-Present	
LAS/SPAN 480	Latin American Literature and Film	
SPAN 325	Phonetics and Pronunciation	
SPAN 340	Spanish for Business	
SPAN 360	Survey of Hispanic Linguistics	
SPAN 405	Advanced Conversation	
SPAN 409	The Craft of Translation	
SPAN 410	Advanced Grammar	
SPAN/LAS 418	Spanish Sociolinguistics in Latin America/USA	
SPAN 420	Spanish for Health Professions	
SPAN 440	Spanish Business Writing	
SPAN/WMNS 482	Women in Latin American Literature	
SPAN 491	Special Topics (Latin American or Phonetics topics only)	

Electives-a minimum of 30 credits¹ 30

ANTH/WMNS 356	Women in Cross-Cultural Perspective	
ARTH/AIS 335	Ancient Art and Architecture of Mexico and Central America	
ARTH/AIS 337	Art of Tawantinsuyo	
HNRS 304	Honors Colloquium (when offered as Crossing Borders: Discourses from Latin America)	
LAS/HIST 309	Latin America Through Independence	

LAS/HIST 311	Latin America Since Independence
LAS 314	Music and Dance of Latin America
LAS/POLS 319	Politics of Latin America
LAS/POLS 320	Caribbean Politics
LAS/GEOG 321	Geography of Latin America
LAS/FLTR 350	Latin American Literature in Translation
LAS/ECON 356	Economic Development of Latin America
LAS 390	Latin American Studies Immersion Experience
LAS 395	Directed Studies
LAS 488	Internship ²
LAS 491	Special Topics
LAS 498	Internship with Language Immersion ²
MATH 107	Mathematics in Latin American Cultures
RELS/AIS 330	Indigenous Religions of the Americas
SOC 312	Race and Ethnicity in the U.S.
or SOC 314	Social Class and Inequality
SPAN 492	Seminar in Hispanic Linguistics Research
WMNS 422	Women's Studies Advanced Travel Seminar (when offered as Women in Nicaragua)

Language Immersion Requirement ³

- ¹ or equivalent courses offered in the study abroad programs
- ² Students may earn a total of six credits from LAS 488 and LAS 498, but only three credits can count for the major.
- ³ **Language Immersion Requirement:** Liberal Arts majors must complete an appropriate period of language immersion in residence in an approved academic program in a Latin American country. Students facing extenuating circumstances may participate in an alternative domestic language immersion experience pre-approved and determined in conjunction with the LAS Committee from the following options: National Student Exchange, internship, or volunteer work. The minimum time period for meeting the residence/immersion requirement is six weeks. However, the Latin American Studies Program recommends that students spend at least one semester abroad.

Latin American Studies, Minor

Liberal Arts (Code 340-402)

Minimum 24 semester credits including:

Required Courses-15 credits

LAS 150	Introduction to Latin American Studies	3
LAS 222	Introduction to U.S. Latino History and Culture	3

SPAN 301	Advanced Composition	3
SPAN 302	Advanced Conversation and Composition	3

Select one of the following: 3

LAS/SPAN 352	Latin American Civilization	
LAS/SPAN 354	Latin American Civilization Regional Focus	

Electives-at least 9 credits from the following: ¹

ANTH/ WMNS 356	Women in Cross-Cultural Perspective	
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ARTH/AIS 335	Ancient Art and Architecture of Mexico and Central America	
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ARTH/AIS 337	Art of Tawantinsuyo	
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HNRS 304	Honors Colloquium (when offered as Crossing Borders: Discourses from Latin America)	
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LAS/HIST 309	Latin America Through Independence	
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LAS/HIST 311	Latin America Since Independence	
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LAS 314	Music and Dance of Latin America	
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LAS/POLS 319	Politics of Latin America	
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LAS/POLS 320	Caribbean Politics	
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LAS/GEOG 321	Geography of Latin America	
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LAS/FLTR 350	Latin American Literature in Translation	
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LAS/ECON 356	Economic Development of Latin America	
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LAS 390	Latin American Studies Immersion Experience	
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LAS 395	Directed Studies	
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LAS 488	Internship ²	
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LAS 491	Special Topics	
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LAS 498	Internship with Language Immersion ²	
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MATH 107	Mathematics in Latin American Cultures	
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RELS/AIS 330	Indigenous Religions of the Americas	
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SOC 312	Race and Ethnicity in the U.S.	
or SOC 314	Social Class and Inequality	

SPAN 492	Seminar in Hispanic Linguistics Research	
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WMNS 422 Women's Studies Advanced Travel Seminar (when offered as Women in Nicaragua)

Language Immersion Requirement ³

- ¹ or equivalent courses offered in the study abroad programs
- ² Students may earn a total of six credits from LAS 488 and LAS 498, but only three credits can count for the minor.
- ³ **Language Immersion Requirement:** All LAS minors must complete an appropriate period of language immersion in residence in an approved academic program in a Latin American country, or participate in an alternative domestic language immersion experience pre-approved and determined in conjunction with the LAS Committee from the following options: National Student Exchange, internship, or volunteer work. The minimum time period for meeting the residence/immersion requirement is six weeks. However, the Latin American Studies Program recommends that students spend at least one semester abroad.

Materials Science

Phillips 177

715-836-5504

www.uwec.edu/matsci (<http://www.uwec.edu/matsci>)

The field of materials science and engineering is the study of “condensed matter” (that is, solids and liquids), and how an understanding of materials can be applied to fabricating devices and structures of utility. A relatively young discipline, materials science is an outgrowth of two traditional areas: the study of matter (and its structure-property relationship) that originated in chemistry and physics, and developments in various “materials” engineering fields (notably, microelectronics, metallurgy, ceramics, and plastics).

Two comprehensive majors are offered: Materials Science and Engineering, and Materials Science. Both majors are designed to give students a strong foundation in fundamental sciences and mathematics.

Faculty

Marcus McEllistrem, Academic Program Director

Douglas Dunham, Materials Science and Engineering Center Director

Liz Glogowski

Matt Jewell

Ying Ma

Professional Staff, MSEC

Laurel McEllistrem

Anthony Wagner

Majors

- Comprehensive Major: Materials Science and Engineering - B.S. (p. 310)
- Comprehensive Major: Materials Science, Physics of Materials Emphasis, Liberal Arts - B.A./B.S. (p. 325)
- Comprehensive Major: Materials Science, Chemistry of Materials Emphasis, Liberal Arts - B.A./B.S. (p. 314)
- Comprehensive Major: Materials Science, Geomaterials Emphasis, Liberal Arts - B.A./B.S. (p. 318)
- Comprehensive Major: Materials Science, Liberal Arts Emphasis - B.A./B.S. (p. 320)
- Comprehensive Major: Materials Science, Nanoscience Emphasis, Liberal Arts - B.A./B.S. (p. 323)
- Comprehensive Major: Materials Science, Applied Materials Emphasis, Liberal Arts - B.A./B.S. (p. 312)
- Comprehensive Major: Materials Science, Entrepreneurship Emphasis, Liberal Arts - B.A./B.S. (p. 316)
- Comprehensive Major: Materials Science, Mathematics of Materials Emphasis, Liberal Arts - B.A./B.S. (p. 322)

Materials Science and Engineering, Comprehensive Major

(Code 251-001)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
	Obtain admission to the degree program and/or the College offering it.	
	Apply for graduation on CampS.	

¹ Certain programs exceed this minimum.² See special requirements in each College.³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>)

Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>)

Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>)

One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>)

Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>)

One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>)

One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>)

Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>)

One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>)

One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements

Bachelor of Science Degree (B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

The Bachelor's of Science in Materials Science and Engineering (MS&E) is a traditional engineering major that is STEM-focused and rigorously structured. Students in this major develop a strong foundation in mathematics, and the major emphasizes science themes more strongly than other engineering disciplines. As with all engineering degrees, the application of fundamental ideas through design is central to the major.

A minimum of 92 credits is required for the major and a minimum of 128 credits for the degree. Students, who typically begin their study as Pre-MSE majors, must apply to be admitted to the MS&E major (application materials available at the Materials Science office). A minimum average GPA of 2.5 in eight "foundation" courses (Chem 115 or Chem 103 & 104, Math 114 & 215, MSE 120 & 221, PHYS 231, and WRIT 114, 116, or 118) is required for admittance to the major; students should apply during registration in the spring semester of their sophomore year. In addition to core courses, students must complete two engineering electives; electives can be selected from appropriate UW-EC, UW-River Falls, UW-Stout, or Chippewa Valley Technical College courses.

Core courses:

MATERIALS SCIENCE

MSE 120	Introduction to Engineering	2
MSE 221	Living in a Materials World	3
MSE 256	Introduction to Computer Aided Design	1
MSE 315	Materials Characterization	4
MSE 334	Soft Materials	4
MSE 350	Thermodynamics of Materials	4
MSE 357	Phase Transformation & Kinetics	3
MSE 362	1	
MSE 367	Macroprocessing of Materials	3
MSE 368	Macroprocessing Materials Lab	2
MSE 372	Transport Phenomena	3
MSE 374	Physics of Solids	4
MSE 386	MS&E Junior Seminar I ²	0.5
MSE 387	MS&E Junior Seminar II ²	0.5

MSE 451	Computational Materials Science	4
MSE 475	Nanomaterials	3
MSE 486	MS&E Capstone I ²	2
MSE 487	MS&E Capstone II ²	2

CHEMISTRY

CHEM 115	Chemical Principles	6
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or

CHEM 103	General Chemistry I ³	
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and

CHEM 104	General Chemistry II ³	
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CHEM 325	Organic Chemistry I with Laboratory	4
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MATHEMATICS

MATH 114	Calculus I	4
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MATH 215	Calculus II	4
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MATH 312	Differential Equations and Linear Algebra	4
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MATH 345	Introduction to Probability and Mathematical Statistics	4
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PHYSICS

PHYS 231	University Physics I	5
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PHYS 232	University Physics II	5
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PHYS 255	Statics	3
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Elective Courses, Choose from:		6
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UW-EC

CHEM 213	Quantitative Analysis	
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CHEM 326	Organic Chemistry II with Laboratory	
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CHEM 352	Fundamentals of Biochemistry	
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CS 145	Introduction to Object-Oriented Programming	
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CS 163	Introduction to Programming in C++	
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CS 170	Computing for the Sciences and Mathematics	
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CS 245	Advanced Programming and Data Structures	
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CS 252	Computer Systems	
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CS 330	Programming Languages	
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MATH 216	Calculus III	
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MATH 313	Digital Signal Processing	
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MATH 314	Discrete Mathematics	
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MATH 315	Advanced Calculus I	
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MATH 316	Introduction to Real Analysis	
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MATH 317	Introduction to Real Analysis II	
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MATH 318	Introduction to Complex Variables	
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MATH 324	Linear Algebra and Matrix Theory	
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MATH 351	Numerical Analysis I	
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MATH 352	Numerical Analysis II	
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MATH 354	Introduction to Mathematical Modeling	
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MATH 355	Linear Programming	
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MATH 358	Introduction to Optimization	
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MATH 440	Digital Image Processing	
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MATH 441	Linear Regression Analysis, with Time Series	
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MATH 443	Experimental Design and Analysis	
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MSE 363	1
PHYS 340	Optics
PHYS 350	Electric and Electronic Circuits
PHYS 356	Dynamics
PHYS 360	Electronics
PHYS 361	LabVIEW Basics
PHYS 362	LabVIEW Applications

Consult your Materials Science and Engineering adviser for elective options from other institutions.

Footnotes:

1. Course in development.
2. Students must be admitted to the MS&E major to take these courses.
3. Only 6 credits apply to the major.

Materials Science, Applied Materials Emphasis, Comprehensive Major

Liberal Arts (Code 250-006)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total	2.00 average	
Resident	2.00 average	
Major	2.00 average	
Minor	2.00 average	
Certificate	2.00 average	
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate	25 percent of credits	

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		30 hours
Service-Learning (p. 49)		

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Materials Science Core

The structure of the major is unique: it integrates an engineering-oriented field into a liberal arts and sciences degree, and is thus deliberately interdisciplinary and broadly defined, consistent with a liberal education approach. Students specialize through a chosen emphasis. The major serves students who plan to enter the workforce after graduation as well as students interested in graduate education in areas such as Materials Science, Engineering, Chemistry, and Physics.

A minimum of 62 credits, including completion of core courses, at least four credits from courses in the Materials Science elective, and at least eight credits in a chosen emphasis. Credits applied toward the elective and emphasis must be unique credits.

Code	Title	Credits
CORE COURSES		
Materials Science		
MSE 221	Living in a Materials World	3
MSE 315	Materials Characterization	4
MSE 334	Soft Materials	4
MSE 350	Thermodynamics of Materials	4
MSE 357	Phase Transformation & Kinetics	3
MSCI 384	Materials Science Junior Seminar I	0.5
MSCI 385	Materials Science Junior Seminar II	0.5
MSCI 484	Materials Science Capstone I	1
MSCI 485	Materials Science Capstone II	2
Chemistry		
CHEM 115	Chemical Principles	6
or		
CHEM 103	General Chemistry I	
& CHEM 104	and General Chemistry II ¹	
CHEM 325	Organic Chemistry I with Laboratory	4
Mathematics		
MATH 114	Calculus I	4
MATH 215	Calculus II	4
Physics		
PHYS 231	University Physics I	5
PHYS 232	University Physics II	5
Elective Courses		
MSE 362	²	
MSE 363	²	
MSE 367	Macroprocessing of Materials	
MSE 368	Macroprocessing Materials Lab	
MSE 372	Transport Phenomena	
MSE 451	Computational Materials Science	
MSE 475	Nanomaterials	
MSCI 395	Directed Studies	
MSCI 399	Independent Study - Juniors	
MSCI 499	Independent Study - Seniors	

¹ Only six credits apply to major.

² Course in development.

NOTES:

- Up to two credits total from MSCI 395, MSCI 399, and MSCI 499 may be applied toward any emphasis upon approval of a faculty adviser.
- MATH 312 is recommended for students planning on graduate school.

Applied Materials Emphasis

Core and elective courses plus eight credits from the following courses, at least two of which must have the same prefix:

8

MATH 312	Differential Equations and Linear Algebra
MATH 345	Introduction to Probability and Mathematical Statistics
MATH 443	Experimental Design and Analysis
PHYS 255	Statics
PHYS 340	Optics
PHYS 350	Electric and Electronic Circuits
PHYS 356	Dynamics
PHYS 360	Electronics
PHYS 361	LabVIEW Basics
PHYS 362	LabVIEW Applications
CHEM 213	Quantitative Analysis
CHEM 274	Chemical Industry Seminar
MSE 362	¹
MSE 363	¹
MSE 367	Macroprocessing of Materials
MSE 368	Macroprocessing Materials Lab
MSE 372	Transport Phenomena
MSE 451	Computational Materials Science
MSE 475	Nanomaterials

¹ Course in development.

Materials Science, Chemistry of Materials Emphasis, Comprehensive Major

Liberal Arts (Code 250-002)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average

Certificate	2.00 average
University Residency Requirements (p. 50) ³	
Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- Certain programs exceed this minimum.
- See special requirements in each College.
- See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Materials Science Core

The structure of the major is unique: it integrates an engineering-oriented field into a liberal arts and sciences degree, and is thus deliberately interdisciplinary and broadly defined, consistent with a liberal education approach. Students specialize through a chosen emphasis. The major serves students who plan to enter the workforce after graduation as well as students interested in graduate education in areas such as Materials Science, Engineering, Chemistry, and Physics.

A minimum of 62 credits, including completion of core courses, at least four credits from courses in the Materials Science elective, and at least eight credits in a chosen emphasis. Credits applied toward the elective and emphasis must be unique credits.

Code	Title	Credits
CORE COURSES		
Materials Science		
MSE 221	Living in a Materials World	3
MSE 315	Materials Characterization	4
MSE 334	Soft Materials	4
MSE 350	Thermodynamics of Materials	4
MSE 357	Phase Transformation & Kinetics	3
MSCI 384	Materials Science Junior Seminar I	0.5
MSCI 385	Materials Science Junior Seminar II	0.5
MSCI 484	Materials Science Capstone I	1
MSCI 485	Materials Science Capstone II	2
Chemistry		
CHEM 115	Chemical Principles	6
or		
CHEM 103 & CHEM 104	General Chemistry I & General Chemistry II ¹	
CHEM 325	Organic Chemistry I with Laboratory	4
Mathematics		
MATH 114	Calculus I	4
MATH 215	Calculus II	4
Physics		
PHYS 231	University Physics I	5
PHYS 232	University Physics II	5
Elective Courses		
MSE 362	²	
MSE 363	²	

MSE 367	Macroprocessing of Materials
MSE 368	Macroprocessing Materials Lab
MSE 372	Transport Phenomena
MSE 451	Computational Materials Science
MSE 475	Nanomaterials
MSCI 395	Directed Studies
MSCI 399	Independent Study - Juniors
MSCI 499	Independent Study - Seniors

- 1 Only six credits apply to major.
- 2 Course in development.

NOTES:

1. Up to two credits total from MSCI 395, MSCI 399, and MSCI 499 may be applied toward any emphasis upon approval of a faculty adviser.

2. MATH 312 is recommended for students planning on graduate school.

Chemistry of Materials Emphasis

Core and elective courses plus eight credits from the following: 8

CHEM 213	Quantitative Analysis
CHEM 218	Introduction to Inorganic Chemistry
CHEM 274	Chemical Industry Seminar
CHEM 326	Organic Chemistry II with Laboratory
CHEM 460	Polymer Chemistry

Materials Science, Entrepreneurship Emphasis, Comprehensive Major

Liberal Arts (Code 250-009)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21

Certificate	25 percent of credits
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Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-11>)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the

MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Materials Science Core

The structure of the major is unique: it integrates an engineering-oriented field into a liberal arts and sciences degree, and is thus deliberately interdisciplinary and broadly defined, consistent with a liberal education approach. Students specialize through a chosen emphasis. The major serves students who plan to enter the workforce after graduation as well as students interested in graduate education in areas such as Materials Science, Engineering, Chemistry, and Physics.

A minimum of 62 credits, including completion of core courses, at least four credits from courses in the Materials Science elective, and at least eight credits in a chosen emphasis. Credits applied toward the elective and emphasis must be unique credits.

Code	Title	Credits
CORE COURSES		
Materials Science		
MSE 221	Living in a Materials World	3
MSE 315	Materials Characterization	4
MSE 334	Soft Materials	4
MSE 350	Thermodynamics of Materials	4
MSE 357	Phase Transformation & Kinetics	3
MSCI 384	Materials Science Junior Seminar I	0.5
MSCI 385	Materials Science Junior Seminar II	0.5
MSCI 484	Materials Science Capstone I	1
MSCI 485	Materials Science Capstone II	2
Chemistry		
CHEM 115	Chemical Principles	6
or		
CHEM 103 & CHEM 104	General Chemistry I and General Chemistry II ¹	
CHEM 325	Organic Chemistry I with Laboratory	4
Mathematics		
MATH 114	Calculus I	4
MATH 215	Calculus II	4
Physics		
PHYS 231	University Physics I	5
PHYS 232	University Physics II	5
Elective Courses		
MSE 362	²	
MSE 363	²	
MSE 367	Macroprocessing of Materials	
MSE 368	Macroprocessing Materials Lab	
MSE 372	Transport Phenomena	
MSE 451	Computational Materials Science	
MSE 475	Nanomaterials	
MSCI 395	Directed Studies	
MSCI 399	Independent Study - Juniors	
MSCI 499	Independent Study - Seniors	

- ¹ Only six credits apply to major.
² Course in development.

NOTES:

1. Up to two credits total from MSCI 395, MSCI 399, and MSCI 499 may be applied toward any emphasis upon approval of a faculty adviser.
 2. MATH 312 is recommended for students planning on graduate school.

Entrepreneurship Emphasis

Core and elective courses plus at least eight credits from the following:

MGMT 371	Introduction to Entrepreneurship	3
MGMT 373	New Venture Feasibility	3
MGMT 374	New Venture Start-Up and Growth	3

Materials Science, Geomaterials Emphasis, Comprehensive Major

Liberal Arts (Code 250-003)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on Camp5.

- ¹ Certain programs exceed this minimum.
² See special requirements in each College.
³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency

as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Materials Science Core

The structure of the major is unique: it integrates an engineering-oriented field into a liberal arts and sciences degree, and is thus deliberately interdisciplinary and broadly defined, consistent with a liberal education approach. Students specialize through a chosen emphasis. The major serves students who plan to enter the workforce after graduation as well as students interested in graduate

education in areas such as Materials Science, Engineering, Chemistry, and Physics.

A minimum of 62 credits, including completion of core courses, at least four credits from courses in the Materials Science elective, and at least eight credits in a chosen emphasis. Credits applied toward the elective and emphasis must be unique credits.

Code	Title	Credits
CORE COURSES		
Materials Science		
MSE 221	Living in a Materials World	3
MSE 315	Materials Characterization	4
MSE 334	Soft Materials	4
MSE 350	Thermodynamics of Materials	4
MSE 357	Phase Transformation & Kinetics	3
MSCI 384	Materials Science Junior Seminar I	0.5
MSCI 385	Materials Science Junior Seminar II	0.5
MSCI 484	Materials Science Capstone I	1
MSCI 485	Materials Science Capstone II	2
Chemistry		
CHEM 115	Chemical Principles	6
or		
CHEM 103	General Chemistry I	
& CHEM 104	and General Chemistry II ¹	
CHEM 325	Organic Chemistry I with Laboratory	4
Mathematics		
MATH 114	Calculus I	4
MATH 215	Calculus II	4
Physics		
PHYS 231	University Physics I	5
PHYS 232	University Physics II	5
Elective Courses		
MSE 362	2	
MSE 363	2	
MSE 367	Macroprocessing of Materials	
MSE 368	Macroprocessing Materials Lab	
MSE 372	Transport Phenomena	
MSE 451	Computational Materials Science	
MSE 475	Nanomaterials	
MSCI 395	Directed Studies	
MSCI 399	Independent Study - Juniors	
MSCI 499	Independent Study - Seniors	

¹ Only six credits apply to major.

² Course in development.

NOTES:

1. Up to two credits total from MSCI 395, MSCI 399, and MSCI 499 may be applied toward any emphasis upon approval of a faculty adviser.

2. MATH 312 is recommended for students planning on graduate school.

Geomaterials Emphasis

Core and elective courses plus eight credits from the following: 8

GEOL 312	Mineralogy and Petrology I
GEOL 313	Mineralogy and Petrology II
GEOL 330	Structural Geology
GEOL 336	Introduction to Geochemistry
GEOL 365	Economic Mineral Deposits

Materials Science, Liberal Arts Emphasis, Comprehensive Major

Liberal Arts (Code 250-004)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on Camp5.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major

department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Materials Science Core

The structure of the major is unique: it integrates an engineering-oriented field into a liberal arts and sciences degree, and is thus deliberately interdisciplinary and broadly defined, consistent with a liberal education approach. Students specialize through a chosen emphasis. The major serves students who plan to enter the workforce after graduation as well as students interested in graduate education in areas such as Materials Science, Engineering, Chemistry, and Physics.

A minimum of 62 credits, including completion of core courses, at least four credits from courses in the Materials Science elective, and at least eight credits in a chosen emphasis. Credits applied toward the elective and emphasis must be unique credits.

Code	Title	Credits
CORE COURSES		
Materials Science		
MSE 221	Living in a Materials World	3
MSE 315	Materials Characterization	4
MSE 334	Soft Materials	4
MSE 350	Thermodynamics of Materials	4
MSE 357	Phase Transformation & Kinetics	3
MSCI 384	Materials Science Junior Seminar I	0.5
MSCI 385	Materials Science Junior Seminar II	0.5
MSCI 484	Materials Science Capstone I	1
MSCI 485	Materials Science Capstone II	2
Chemistry		
CHEM 115	Chemical Principles	6
or		
CHEM 103	General Chemistry I	
& CHEM 104	and General Chemistry II ¹	
CHEM 325	Organic Chemistry I with Laboratory	4
Mathematics		
MATH 114	Calculus I	4
MATH 215	Calculus II	4
Physics		
PHYS 231	University Physics I	5
PHYS 232	University Physics II	5
Elective Courses		
MSE 362	²	
MSE 363	²	
MSE 367	Macroprocessing of Materials	
MSE 368	Macroprocessing Materials Lab	
MSE 372	Transport Phenomena	
MSE 451	Computational Materials Science	
MSE 475	Nanomaterials	
MSCI 395	Directed Studies	
MSCI 399	Independent Study - Juniors	
MSCI 499	Independent Study - Seniors	

¹ Only six credits apply to major.

² Course in development.

NOTES:

1. Up to two credits total from MSCI 395, MSCI 399, and MSCI 499 may be applied toward any emphasis upon approval of a faculty adviser.

2. MATH 312 is recommended for students planning on graduate school.

Liberal Arts Emphasis

Core and elective courses plus eight credits from courses that reflect a thematic area of concentration and reflect intentional connections. Such an emphasis, created in consultation with a faculty adviser, must draw from courses appropriate for a major in another area distinct from Materials Science or its cognate subjects. At least two courses must have the same prefix. 8

Materials Science, Mathematics of Materials Emphasis, Comprehensive Major

Liberal Arts (Code 250-008)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
	Obtain admission to the degree program and/or the College offering it.	
	Apply for graduation on CampS.	

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>)

Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>)

Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>)

One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>)

Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>)

One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>)

One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>)

Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>)

One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>)

One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Materials Science Core

The structure of the major is unique: it integrates an engineering-oriented field into a liberal arts and sciences degree, and is thus deliberately interdisciplinary and broadly defined, consistent with a liberal education approach. Students specialize through a chosen emphasis. The major serves students who plan to enter the workforce after graduation as well as students interested in graduate education in areas such as Materials Science, Engineering, Chemistry, and Physics.

A minimum of 62 credits, including completion of core courses, at least four credits from courses in the Materials Science elective, and at least eight credits in a chosen emphasis. Credits applied toward the elective and emphasis must be unique credits.

Code	Title	Credits
CORE COURSES		
Materials Science		
MSE 221	Living in a Materials World	3
MSE 315	Materials Characterization	4
MSE 334	Soft Materials	4
MSE 350	Thermodynamics of Materials	4
MSE 357	Phase Transformation & Kinetics	3
MSCI 384	Materials Science Junior Seminar I	0.5

MSCI 385	Materials Science Junior Seminar II	0.5
MSCI 484	Materials Science Capstone I	1
MSCI 485	Materials Science Capstone II	2
Chemistry		
CHEM 115	Chemical Principles	6
or		
CHEM 103	General Chemistry I	
& CHEM 104	and General Chemistry II ¹	
CHEM 325	Organic Chemistry I with Laboratory	4
Mathematics		
MATH 114	Calculus I	4
MATH 215	Calculus II	4
Physics		
PHYS 231	University Physics I	5
PHYS 232	University Physics II	5
Elective Courses		
MSE 362	²	
MSE 363	²	
MSE 367	Macroprocessing of Materials	
MSE 368	Macroprocessing Materials Lab	
MSE 372	Transport Phenomena	
MSE 451	Computational Materials Science	
MSE 475	Nanomaterials	
MSCI 395	Directed Studies	
MSCI 399	Independent Study - Juniors	
MSCI 499	Independent Study - Seniors	

¹ Only six credits apply to major.

² Course in development.

NOTES:

1. Up to two credits total from MSCI 395, MSCI 399, and MSCI 499 may be applied toward any emphasis upon approval of a faculty adviser.

2. MATH 312 is recommended for students planning on graduate school.

Mathematics of Materials Emphasis

Core and elective courses plus eight credits from the following: 8

MATH 216 Calculus III

or any Math course numbered 312 or higher

Materials Science, Nanoscience Emphasis, Comprehensive Major

Liberal Arts (Code 250-005)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120

Upper division credits (courses numbered 300 and higher)	39
Liberal Education Core (p. 46)	36

Academic Concentrations (p. 50)**Grade Point Requirements (p. 49)²**

Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50)³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on Camp5.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
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One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
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One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
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Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
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Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1)	Two (2) learning experiences
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One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2)	One (1) learning experience
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One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3)	One (1) learning experiences
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Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1)	Two (2) learning experiences
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One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2)	One (1) learning experiences
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Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3)	One (1) learning experiences
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Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1)	Two (2) learning experiences
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Service-Learning Goal

Service-Learning (p. 49)	30 hours
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College Degree Requirements**Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)**

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and

minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Materials Science Core

The structure of the major is unique: it integrates an engineering-oriented field into a liberal arts and sciences degree, and is thus deliberately interdisciplinary and broadly defined, consistent with a liberal education approach. Students specialize through a chosen emphasis. The major serves students who plan to enter the workforce after graduation as well as students interested in graduate education in areas such as Materials Science, Engineering, Chemistry, and Physics.

A minimum of 62 credits, including completion of core courses, at least four credits from courses in the Materials Science elective, and at least eight credits in a chosen emphasis. Credits applied toward the elective and emphasis must be unique credits.

Code	Title	Credits
CORE COURSES		
Materials Science		
MSE 221	Living in a Materials World	3
MSE 315	Materials Characterization	4
MSE 334	Soft Materials	4
MSE 350	Thermodynamics of Materials	4
MSE 357	Phase Transformation & Kinetics	3
MSCI 384	Materials Science Junior Seminar I	0.5
MSCI 385	Materials Science Junior Seminar II	0.5
MSCI 484	Materials Science Capstone I	1
MSCI 485	Materials Science Capstone II	2
Chemistry		
CHEM 115	Chemical Principles	6
or		
CHEM 103 & CHEM 104	General Chemistry I & General Chemistry II ¹	
CHEM 325	Organic Chemistry I with Laboratory	4
Mathematics		
MATH 114	Calculus I	4
MATH 215	Calculus II	4

Physics		
PHYS 231	University Physics I	5
PHYS 232	University Physics II	5
Elective Courses		
MSE 362	²	4
MSE 363	²	
MSE 367	Macroprocessing of Materials	
MSE 368	Macroprocessing Materials Lab	
MSE 372	Transport Phenomena	
MSE 451	Computational Materials Science	
MSE 475	Nanomaterials	
MSCI 395	Directed Studies	
MSCI 399	Independent Study - Juniors	
MSCI 499	Independent Study - Seniors	

¹ Only six credits apply to major.

² Course in development.

NOTES:

1. Up to two credits total from MSCI 395, MSCI 399, and MSCI 499 may be applied toward any emphasis upon approval of a faculty adviser.

2. MATH 312 is recommended for students planning on graduate school.

Nanoscience Emphasis

Core and elective courses plus the following:

MSE 475	Nanomaterials	3
Five credits selected from:		
MSE 362		5
MSE/PHYS 374	Physics of Solids	

Materials Science, Physics of Materials Emphasis, Comprehensive Major

Liberal Arts (Code 250-001)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average

University Residency Requirements (p. 50)³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on Camp5.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
	Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal		
	Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
	One S1 must meet the University Writing Requirement (p. 49)	
	Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
	One S2 to meet the University Mathematics Requirement (p. 49)	
	Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal		
	Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
	One R1 must satisfy Design for Diversity (p. 49)	

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
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Service-Learning Goal

Service-Learning (p. 49)	30 hours
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College Degree Requirements**Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)**

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College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Materials Science Core

The structure of the major is unique: it integrates an engineering-oriented field into a liberal arts and sciences degree, and is thus deliberately interdisciplinary and broadly defined, consistent with a liberal education approach. Students specialize through a chosen emphasis. The major serves students who plan to enter the workforce after graduation as well as students interested in graduate education in areas such as Materials Science, Engineering, Chemistry, and Physics.

A minimum of 62 credits, including completion of core courses, at least four credits from courses in the Materials Science elective, and at least eight credits in a chosen emphasis. Credits applied toward the elective and emphasis must be unique credits.

Code	Title	Credits
CORE COURSES		
Materials Science		
MSE 221	Living in a Materials World	3
MSE 315	Materials Characterization	4
MSE 334	Soft Materials	4
MSE 350	Thermodynamics of Materials	4
MSE 357	Phase Transformation & Kinetics	3
MSCI 384	Materials Science Junior Seminar I	0.5
MSCI 385	Materials Science Junior Seminar II	0.5
MSCI 484	Materials Science Capstone I	1
MSCI 485	Materials Science Capstone II	2
Chemistry		
CHEM 115	Chemical Principles	6
or		
CHEM 103 & CHEM 104	General Chemistry I and General Chemistry II ¹	
CHEM 325	Organic Chemistry I with Laboratory	4
Mathematics		
MATH 114	Calculus I	4
MATH 215	Calculus II	4
Physics		
PHYS 231	University Physics I	5
PHYS 232	University Physics II	5
Elective Courses		
MSE 362	²	
MSE 363	²	

MSE 367	Macroprocessing of Materials
MSE 368	Macroprocessing Materials Lab
MSE 372	Transport Phenomena
MSE 451	Computational Materials Science
MSE 475	Nanomaterials
MSCI 395	Directed Studies
MSCI 399	Independent Study - Juniors
MSCI 499	Independent Study - Seniors

¹ Only six credits apply to major.

² Course in development.

NOTES:

1. Up to two credits total from MSCI 395, MSCI 399, and MSCI 499 may be applied toward any emphasis upon approval of a faculty adviser.

2. MATH 312 is recommended for students planning on graduate school.

Physics of Materials Emphasis

Core and elective courses plus the following:

MSE/PHYS 374	Physics of Solids	4
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Four credits selected from: 4

PHYS 255	Statics	
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any physics course numbered 332 or higher

Mathematics

Mathematics has formed an important part of our intellectual heritage for centuries. In addition to having its own aesthetic value, it pervades a growing number of human endeavors. Mathematics is applied in fields as diverse as business, engineering, the physical and life sciences, the social sciences, computer science, and the fine arts. Society therefore expects of its members ever increasing mathematical knowledge and skill.

The mathematics curriculum is designed to address these needs. It provides a core of fundamental mathematics as well as a variety of electives for individuals with specific interests. Students may select programs to prepare for careers in applied mathematics, science, actuarial science, research, mathematics education, or for graduate study. Regardless of emphasis, the programs prepare students for their immediate career objectives and provide a background that will enable them to cope with changing career needs and goals.

Information for All Students

Note 1: All entering freshmen and transfer students must take the mathematics placement test.

Note 2: A student may not register for credit in a course which is a prerequisite for any other course in which the student has credit.

Note 3: It is strongly recommended that the student have a grade of C or above in any mathematics course that is to be used as a prerequisite to another course.

Note 4: A graphing calculator may be required in any mathematics course.

Core Requirements for All Non-Comprehensive Liberal Arts Mathematics Emphases

All liberal arts mathematics emphases require:

MATH 114	Calculus I	4
MATH 215	Calculus II	4
MATH 216	Calculus III	4
MATH 316	Introduction to Real Analysis	3
MATH 324	Linear Algebra and Matrix Theory	4
MATH 425	Abstract Algebra I	3

Remaining credits to be chosen from mathematics courses numbered above 305

Information for Majors and Minors

Suggested courses for mathematics majors who are planning to be secondary school teachers include:

MATH 314	Discrete Mathematics	3
MATH 341	Classical Number Theory	3
MATH 346	Introduction to Probability	4
MATH 347	Mathematical Statistics	4
MATH 354	Introduction to Mathematical Modeling	4
MATH 451	Teaching Mathematics with Technology	4

Courses in computer science and physics

Suggested courses for mathematics majors who are planning to pursue graduate study in mathematics include:

MATH 312	Differential Equations and Linear Algebra	4
MATH 317	Introduction to Real Analysis II	3
MATH 318	Introduction to Complex Variables	3
MATH 335	Introduction to Point-Set Topology	3
MATH 426	Abstract Algebra II	3

Department Honors in Mathematics

The Honors Program in mathematics is intended for mathematics majors—including actuarial science, mathematics education, and liberal arts majors—who have demonstrated excellence in their coursework, and who want to experience the mathematical community outside the classroom. The high impact practices required for department honors in mathematics align with such experiences.

- **Eligibility:** Mathematics majors who have a resident and total GPA of 3.50 or higher, and have completed at least 12 hours of mathematics courses with a GPA of 3.50 or higher.
- **Application:** An application (which is available in the mathematics department office) must be submitted to the department chair with a letter of support from a mathematics faculty member. The application should be submitted during the junior year.
- **Requirements:** Graduate with a 3.50 GPA or higher in the major, and submit evidence to the department chair that two of the following have been satisfactorily completed:

1. A faculty/student collaborative mathematics research project
2. ETS Recognition of Excellence in Mathematics Content Knowledge
3. An off-campus mathematics presentation at a conference
4. Participation in a state, regional or national competition in Actuarial Science
5. Passing grade on a professional exam given by the Society of Actuaries or Casualty Actuarial Society
6. A mathematics related internship
7. Acceptance of a mathematics publication in a peer-reviewed journal.

Faculty

Alexander Smith, Chair

Chris Ahrendt
 Mohammad Aziz
 Charles Bingen
 Abra Brisbin
 Christopher Davis
 Herschel Day
 Colleen Duffy
 Marc Goulet
 Jennifer Harrison
 Ryan Harrison
 Richard Heeg
 Christopher Hlas
 Michael Howe
 Marie-Claire Koissi
 Jessica Kraker
 Dandrielle Lewis
 aBa Mbirika
 Carolyn Otto
 Michael Penkava

Kristopher Presler
 Manda Riehl
 Sherrie Serros
 Andrew Swanson
 Simei Tong
 James Walker
 Ursula Whitcher
 Vicki Whitledge
 Zhixin Yang

Majors

- Major: Mathematics, Applied/Statistics Emphasis - B.A./B.S. (p. 331)
- Major: Mathematics, Liberal Arts Emphasis - B.A./B.S. (p. 336)
- Comprehensive Major: Mathematics, Actuarial Science Emphasis, Liberal Arts - B.A./B.S. (p. 329)
- Comprehensive Major: Mathematics, Research Emphasis, Liberal Arts - B.A./B.S. (p. 341)
- Major: Mathematics, Teaching - B.S. (p. 337)
- Comprehensive Major: Mathematics, Teaching - B.S. (p. 333)
- Comprehensive Major: Physics Mathematics, Teaching (Interdisciplinary Major) (p. 75)

Minors

- Minor: Mathematics, Liberal Arts (p. 340)
- Minor: Mathematics, Actuarial Science (p. 331)
- Minor: Mathematics, Teaching (p. 341)
- Minor: Mathematics, Middle Childhood/Early Adolescence, Teaching (p. 341)

Mathematics, Actuarial Science Emphasis, Comprehensive Major

Liberal Arts (Code 180-001)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21

Certificate	25 percent of credits
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Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences	
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences	
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences	
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience	

Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences	
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience	
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences	

Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences	
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences	
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences	

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the

MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Entry Requirements: To be admitted to this program students must:

1. Complete at least 15 credits of courses required for the major with a GPA in those courses of at least 3.0.
2. Complete MATH 346 and MATH 350 with a grade of B- or better, or earn a passing grade on the corresponding actuarial professional exam(s).

A minimum of sixty semester credits, including:

MATH 114	Calculus I	4
MATH 150	Introduction to the Actuarial Career	1
MATH 215	Calculus II	4
MATH 216	Calculus III	4
MATH 346	Introduction to Probability	4
MATH 347	Mathematical Statistics	4
MATH 350	Introduction to Financial Mathematics	4
MATH 450	Foundations of Actuarial Science	3
MATH 312	Differential Equations and Linear Algebra	4
or MATH 324	Linear Algebra and Matrix Theory	

At least two courses from the following:

MATH 460	Contingent Payment Analysis	
MATH 470	Mathematical Models for Financial Economics	
MATH 475	Credibility and Loss Models	

Required:

ECON 103	Principles of Microeconomics	3
or ECON 303	Intermediate Microeconomic Theory	
ECON 104	Principles of Macroeconomics	3
or ECON 304	Intermediate Macroeconomic Theory	
ECON 316	Econometrics	3-4
or MATH 441	Linear Regression Analysis, with Time Series	
ACCT 201	Principles of Accounting I	3
IS 240	Information Systems in Business	3
BCOM 206	Business Writing	2
or BCOM 207	Business Presentations	
FIN 320	Principles of Finance	6
& FIN 327	and Long Term Financial Management	

This emphasis prepares students for actuarial careers. Actuaries are business professionals who use mathematical models to evaluate the current financial impact of future contingent events. Actuaries work in a variety of settings including insurance companies, public accounting firms, government agencies, banks, and consulting firms.

Mathematics, Actuarial Science, Minor

(Code 180-406)

Twenty-four semester credits, including:

MATH 114	Calculus I	4
MATH 215	Calculus II	4
MATH 216	Calculus III	4
MATH 346	Introduction to Probability	4
MATH 347	Mathematical Statistics	4
MATH 350	Introduction to Financial Mathematics	4

Total Credits **24**

MATH 450, MATH 460, and MATH 470, though not required, may be taken with department permission. This minor is intended to provide students with actuarial skills useful in business areas such as insurance and financial services. The coursework will prepare the student for at least two actuarial professional examinations.

Mathematics, Applied/Statistics Emphasis, Major

(Code 180-208)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
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One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
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One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
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Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
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Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
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One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
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One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
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Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
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One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
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Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
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Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
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Service-Learning Goal

Service-Learning (p. 49)	30 hours
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College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Core Requirements for All Non-Comprehensive Liberal Arts Mathematics Emphases

A minimum of 36 credits must be earned in any of the emphases included under the standard mathematics major.

Required:

MATH 114	Calculus I	4
MATH 215	Calculus II	4
MATH 216	Calculus III	4
MATH 316	Introduction to Real Analysis	3
MATH 324	Linear Algebra and Matrix Theory	4
MATH 425	Abstract Algebra I	3
Plus additional mathematics courses numbered above 305		

Applied/Statistics Emphasis

At least ten credits from the following, four credits of which must be from MATH 312 or MATH 347:

MATH 307	Mathematics and Music
MATH 312	Differential Equations and Linear Algebra
MATH 313	Digital Signal Processing
MATH 318	Introduction to Complex Variables
MATH 345	Introduction to Probability and Mathematical Statistics
MATH 346	Introduction to Probability
MATH 347	Mathematical Statistics
MATH 351	Numerical Analysis I
MATH 352	Numerical Analysis II
MATH 354	Introduction to Mathematical Modeling
MATH/ PHYS 440	Digital Image Processing
MATH 441	Linear Regression Analysis, with Time Series
MATH 443	Experimental Design and Analysis
MATH 445	Survey Sampling
MATH 447	Nonparametric Statistics

Three credits required, not counted toward credits in major, from the following:

PHIL 250	Symbolic Logic
CS 145	Introduction to Object-Oriented Programming
CS 163	Introduction to Programming in C++
CS 170	Computing for the Sciences and Mathematics
Another computer science course approved by the Mathematics Department	

The applied/statistics emphasis is appropriate for students interested in either scientific or engineering applications of mathematics, careers in business, industry or statistics, or graduate work in areas such as engineering, operations research, optimization, or statistics. For those students focusing on applied mathematics, MATH 312 is strongly recommended. For those students focusing on statistics, MATH 347 is strongly recommended. Because of the variety of

courses available, students are encouraged to consult a mathematics adviser early and frequently while pursuing this emphasis.

Mathematics, Comprehensive Major - Teaching

Teaching (Code 180-002)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		
Apply for graduation on CampS.		

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
a minimum of 36 credits		
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
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Service-Learning Goal

Service-Learning (p. 49)	30 hours
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College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits

Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

- Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
- Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		
WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	
WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students	
AND at least one oral communication course from the following:		
CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	
S2 (Mathematics)		
LE approved math course		
S3 (Creativity)		
ES 497	Field Experience Seminar (included in major)	2
R1 (Equity, Diversity, Inclusivity)		
ES 385	Social Foundations: Human Relations (included in major)	3
AND another learning experience		
R2 (Global Perspectives)		
One LE approved course		
R3 (Civic and Environmental Issues)		

One LE approved course

IL (Integration)

ES 497	Field Experience Seminar (included in major)	2
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AND another learning experience

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EA-A Licensure Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

- a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
- a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option B: EA-A

Early Adolescence through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
Prescribed special methods course(s) (see approved majors and minors below)		
ES 445 & ES 470	Student Teaching in Middle Level Education and Student Teaching in Secondary Education	14
or ES 446	Internship Teaching in Middle Level Education	
or ES 475	Internship Teaching in Secondary Education	
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2

NOTE: Although majors must be from the approved list below, the second plan may be from the approved list. Students pursuing EA-A licensure are not required to elect a second plan that leads to a teaching license.

Approved Majors and Minors for Option B

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II Content Test Required
English	540-006	ENGL 319, ENGL 419		ETS 5038
Earth and Space Science	160-015 ¹	ES 359 (F)		ETS 5435
Mathematics	180-002	ES 357		ETS 5061
Physical Science ¹	240-004	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Physics-Mathematics ¹				ETS 5161 and ETS 5435 (regardless of emphasis)
Physics Emphasis	210-003	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Mathematics Emphasis	210-004	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Social Studies	500-XXX	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Majors	Code	Prescribed Methods Course	Additional Requirements	Praxis II Content Test Required
Biology ¹	080-205	ES 367 (Sp)	BIOL 180 or GEOG 178	ETS 5435
Chemistry ¹	100-204	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Economics	360-204	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
English	540-210	ENGL 319, ENGL 419		ETS 5038
Geography	140-213	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
History	380-206	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Mathematics	180-207	ES 357		ETS 5161
Physics ¹	230-205	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-203	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
Biology	080-403	ES 367 (SP)	BIOL 180 or GEOG 178	ETS 5435
Chemistry	100-406	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Coaching	971-403	KINS 492		no addt'l exam

Economics	360-404	ES 356	BIOL 180 or GEOG 178	ETS 5081
English	540-408	ENGL 319, ENGL 419		ETS 5038
French	260-404	ES 366 (F) in language	Study abroad	WPT and OPI or OPIc
Geography	140-413	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Geology	160-402	ES 359 (F)		
German	280-404	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
History	380-404	ES 356 (SP)	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Learning Disabilities	950-471			ETS 5146
Library Science	960-403		EC-A licensure	no addt'l exam for this minor
Mathematics	180-407	ES 357		ETS 5161
Physics	230-403	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-403	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Sociology	480-404	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Spanish	320-405	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
Teaching English to Speakers of Other Languages (TESOL)	550-408	ES 405 (F)	1 yr college level foreign language	ETS 0361
Theatre Arts	601-424	ES 361 (F)		ETS 0641

¹ Broadfield Science add-on certification is available with these majors and requires ES 359 (fall only) and ES 367 (spring only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Sixty semester credits, including:

MATH 114	Calculus I	4
MATH 215	Calculus II	4
MATH 216	Calculus III	4
MATH 324	Linear Algebra and Matrix Theory	4
MATH 330	Modern Geometry	4
MATH 345	Introduction to Probability and Mathematical Statistics ¹	4
MATH 425	Abstract Algebra I	3

Required mathematics courses:

MATH 373	Issues in Secondary Mathematics	4
MATH 451	Teaching Mathematics with Technology	4

Remaining credits to be chosen from MATH 297 (at most one credit counts for major), and mathematics courses numbered above MATH 305

Required pedagogy courses:

ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
PSYC 260	Educational Psychology	3

Professional sequence:

ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 357	Teaching Mathematics in Grades 5-12	2

Elective pedagogy courses choose two:

ES 384	Content Area ESL Instruction	
ES 415	Assessment and Evaluation in Grades 1-12	
SPED 306	Behavior Management	

¹ MATH 347 may be substituted for MATH 345.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Mathematics in Early Adolescence through Adolescence classrooms.

Mathematics, Liberal Arts Emphasis, Major

Liberal Arts (Code 180-201)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21

Certificate	25 percent of credits
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Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
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One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
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One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
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Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
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Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
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One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
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One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
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Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
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One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
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Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
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Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-11>)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the

MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Core Requirements for All Non-Comprehensive Liberal Arts Mathematics Emphases

A minimum of 36 credits must be earned in any of the emphases included under the standard mathematics major.

Required:

MATH 114	Calculus I	4
MATH 215	Calculus II	4
MATH 216	Calculus III	4
MATH 316	Introduction to Real Analysis	3
MATH 324	Linear Algebra and Matrix Theory	4
MATH 425	Abstract Algebra I	3
Additional mathematics courses numbered above MATH 305		

Liberal Arts Emphasis

Required, select one of the following:

MATH 317	Introduction to Real Analysis II
MATH 426	Abstract Algebra II

Three credits required, not counted toward credits in major, from the following:

PHIL 250	Symbolic Logic
CS 145	Introduction to Object-Oriented Programming
CS 163	Introduction to Programming in C++
CS 170	Computing for the Sciences and Mathematics
Another computer science course approved by the Mathematics Department	

The liberal arts emphasis is the traditional mathematics major, providing preparation for graduate school as well as a broad range of careers in business and industry. Because of the variety of courses available, students are strongly encouraged to consult a mathematics adviser early and frequently while pursuing this emphasis.

Mathematics, Major - Teaching

Teaching (Code 180-207)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average

Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50)³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
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One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
---	------------------------------

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
--	------------------------------

Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
---	-----------------------------

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
---	------------------------------

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
--	-----------------------------

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
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Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
---	------------------------------

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
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Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
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Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
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Service-Learning Goal

Service-Learning (p. 49)	30 hours
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College Degree Requirements**University Requirements in Teacher Education in the College of Education and Human Sciences****College Requirements for Teacher Education**

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
	At least one Biology course	
	AND at least one of Chemistry, Physics, Geography, or Geography course (one science lab required)	
K2 (Social Sciences)		

PSYC 260 Educational Psychology 3
AND another learning experience

K3 (Humanities)

One literature course AND another learning experience

K4 (Fine Arts)

One fine arts course

S1 (Written and Oral Communication)

At least one writing course from the following:

WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	
WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students	

AND at least one oral communication course from the following:

CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	

S2 (Mathematics)

LE approved math course

S3 (Creativity)

ES 497 Field Experience Seminar (included in major) 2

R1 (Equity, Diversity, Inclusivity)

ES 385 Social Foundations: Human Relations (included in major) 3

AND another learning experience

R2 (Global Perspectives)

One LE approved course

R3 (Civic and Environmental Issues)

One LE approved course

IL (Integration)

ES 497 Field Experience Seminar (included in major) 2

AND another learning experience

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EA-A Licensure

Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved

majors and minors listed in the table below. The approved majors and minors lead to additional certification.

2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option B: EA-A

Early Adolescence through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
Prescribed special methods course(s) (see approved majors and minors below)		
ES 445 & ES 470	Student Teaching in Middle Level Education and Student Teaching in Secondary Education	14
or ES 446	Internship Teaching in Middle Level Education	
or ES 475	Internship Teaching in Secondary Education	
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2

NOTE: Although majors must be from the approved list below, the second plan may be from the approved list. Students pursuing EA-A licensure are not required to elect a second plan that leads to a teaching license.

Approved Majors and Minors for Option B

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II Content Test Required
English	540-006	ENGL 319, ENGL 419		ETS 5038
Earth and Space Science	160-015 ¹	ES 359 (F)		ETS 5435
Mathematics	180-002	ES 357		ETS 5061
Physical Science ¹	240-004	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Physics-Mathematics ¹				ETS 5161 and ETS 5435 (regardless of emphasis)
Physics Emphasis	210-003	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Mathematics Emphasis	210-004	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	

Social Studies	500-XXX	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Majors	Code	Prescribed Methods Course	Additional Requirements	Praxis II Content Test Required
Biology ¹	080-205	ES 367 (Sp)	BIOL 180 or GEOG 178	ETS 5435
Chemistry ¹	100-204	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Economics	360-204	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
English	540-210	ENGL 319, ENGL 419		ETS 5038
Geography	140-213	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
History	380-206	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Mathematics	180-207	ES 357		ETS 5161
Physics ¹	230-205	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-203	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
Biology	080-403	ES 367 (SP)	BIOL 180 or GEOG 178	ETS 5435
Chemistry	100-406	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Coaching	971-403	KINS 492		no addt'l exam
Economics	360-404	ES 356	BIOL 180 or GEOG 178	ETS 5081
English	540-408	ENGL 319, ENGL 419		ETS 5038
French	260-404	ES 366 (F) in language	Study abroad	WPT and OPI or OPic
Geography	140-413	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Geology	160-402	ES 359 (F)		
German	280-404	ES 366 (F)	Study abroad in language	WPT and OPI or OPic
History	380-404	ES 356 (SP)	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Learning Disabilities	950-471			ETS 5146
Library Science	960-403		EC-A licensure	no addt'l exam for this minor
Mathematics	180-407	ES 357		ETS 5161

Physics	230-403	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-403	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Sociology	480-404	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Spanish	320-405	ES 366 (F)	Study abroad in language	WPT and OPI or OPic
Teaching English to Speakers of Other Languages (TESOL)	550-408	ES 405 (F)	1 yr college level foreign language	ETS 0361
Theatre Arts	601-424	ES 361 (F)		ETS 0641

¹ Broadfield Science add-on certification is available with these majors and requires ES 359 (fall only) and ES 367 (spring only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Thirty-six semester credits, including:

MATH 114	Calculus I	4
MATH 215	Calculus II	4
MATH 216	Calculus III	4
MATH 324	Linear Algebra and Matrix Theory	4
MATH 330	Modern Geometry	4
MATH 345	Introduction to Probability and Mathematical Statistics ¹	4
MATH 425	Abstract Algebra I	3

Additional credits to be chosen from mathematics courses numbered above 305

Technology requirement for licensure:

MATH 451	Teaching Mathematics with Technology
OR	
CS 170	Computing for the Sciences and Mathematics ²

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Mathematics in Early Adolescence through Adolescence classrooms.

¹ MATH 347 may be substituted for MATH 345.

² CS 170 does not count toward the 36 credits required for the mathematics major.

Mathematics, Minor - Liberal Arts

Liberal Arts (Code 180-401)

Twenty-four semester credits, including:

MATH 114	Calculus I	4
MATH 215	Calculus II	4
MATH 216	Calculus III	4

At least one course from:

MATH 312	Differential Equations and Linear Algebra	
or MATH 324	Linear Algebra and Matrix Theory	

Remaining credits to be chosen from mathematics courses numbered above 305

NOTE: At least one course in a computer programming language is recommended.

Mathematics, Minor - Teaching

Teaching (Code 180-407)

Twenty-four semester credits including:

MATH 114	Calculus I	4
MATH 215	Calculus II	4
MATH 324	Linear Algebra and Matrix Theory	4
MATH 330	Modern Geometry	4
MATH 345	Introduction to Probability and Mathematical Statistics	4
MATH 425	Abstract Algebra I	3

and at least three additional credits chosen from MATH 216 or mathematics courses numbered above 310.

Technology requirement for licensure, select one of the following:

MATH 451	Teaching Mathematics with Technology (or equivalent as approved by the Mathematics Department)	
CS 170	Computing for the Sciences and Mathematics ¹	

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Mathematics in Early Adolescence through Adolescence classrooms.

¹ CS 170 does not count toward the 24 credits required for the mathematics minor.

Mathematics, Minor - Teaching - MC-EA

Middle Childhood/Early Adolescence, Teaching (Code 180-408)

A minimum of 24 semester credits, including:

MATH 114	Calculus I	4
MATH 201	Number and Operations I	2
MATH 202	Number and Operations II	2
MATH 303	Probability and Statistics in Grades 1-8	2
MATH 304	Geometry in Grades 1-8	2
MATH 322	Abstract Algebra for Elementary Teachers	4

Additional courses may be chosen from the following:

MATH 215	Calculus II	4
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MATH 216	Calculus III	4
MATH 246	Elementary Statistics ¹	4
MATH 297	Developmental Tutoring Techniques ²	1

OR mathematics courses numbered above 305.

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A and leads to licensure to teach Mathematics in Middle Childhood through Early Adolescence classrooms.

¹ MATH 345 may be substituted for MATH 246 if MATH 215 is chosen.

² at most one credit counts for minor.

Mathematics, Research Emphasis, Comprehensive Major

Liberal Arts (Code 180-003)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49)²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50)³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate

will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and

total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Mathematics Core		25
MATH 114	Calculus I	
MATH 215	Calculus II	
MATH 216	Calculus III	
MATH 316	Introduction to Real Analysis	
MATH 317	Introduction to Real Analysis II	
MATH 324	Linear Algebra and Matrix Theory	
MATH 425	Abstract Algebra I	
Research requirement		7
MATH 380	Research Methods	

MATH 480 Research Seminar (taken twice)

Depth requirement 3-4

Choose one:

MATH 426 Abstract Algebra II
 or MATH 441 Linear Regression Analysis, with Time Series

Elective mathematics courses 12-13

Remaining credits to be chosen from:

Math courses numbered above 305

CS/logic requirement 3

Choose one:

CS 145 Introduction to Object-Oriented Programming
 CS 163 Introduction to Programming in C++
 CS 170 Computing for the Sciences and Mathematics
 PHIL 250 Symbolic Logic
 or another CS course with approval of the department

Speech requirement 3

CJ 202 Fundamentals of Speech

Applications of mathematics requirement 6

Minimum 6 credits in a sequence selected from:

BIOL 221 Foundations of Biology I & BIOL 222 and Foundations of Biology II
 CHEM 115 Chemical Principles
 CHEM 103 General Chemistry I & CHEM 104 and General Chemistry II
 CS 245 Advanced Programming and Data Structures & CS 335 and Algorithms
 ECON 103 Principles of Microeconomics & ECON 104 and Principles of Macroeconomics
 PHYS 231 University Physics I & PHYS 232 and University Physics II

or another sequence approved by the department

Music and Theatre Arts

Haas Fine Arts 156

715-836-4954

www.uwec.edu/mus-the (<http://www.uwec.edu/mus-the>)

Honor Societies and Student Organizations

There are eight nationally-affiliated music student organizations at UW-Eau Claire, including student chapters of National Association for Music Education, American Choral Directors Association, American String Teachers Association, National Association of Teachers of Singing, National Band Association Collegiate Chapter, United States Institute for Technical Theatre, and American Music Therapy Association for Students; the professional fraternities Phi Mu Alpha-Sinfonia and Sigma Alpha Iota; and the honor society Pi Kappa Lambda.

The performing arts enjoy an enviable reputation at UW-Eau Claire. Outstanding student and faculty performances in music, theatre, and dance; innovative classroom experiences; and active outreach are hallmarks of the Department of Music and Theatre Arts.

The Department offers the Bachelor of Arts or Science degree in liberal arts—music; liberal arts—music history; liberal arts—theatre arts; and theatre arts—middle/secondary teaching; Bachelor of Music Education degrees leading to teacher licensure; and Bachelor of Music degrees in applied music, piano pedagogy, collaborative piano, theory, and composition. A liberal arts minor is offered in music, theatre arts, and dance; teaching minors also are offered in theatre arts.

The University of Wisconsin-Eau Claire is an accredited institutional member of the National Association of Schools of Music.

Music

Throughout history the study of music has been held to be one of the noblest pursuits of humanity. Music integrates and develops an understanding of our intellect, our emotions, and our senses. As such, it is both a personal and universal art.

All baccalaureate degrees in music emphasize the development of skills, concepts, and sensitivity essential to the professional life of the musician. Whether a professional performer, teacher, or composer, the musician must function as one who exhibits not only technical competence but also a broad knowledge of music and music literature, sensitivity in musical style, and an insight into the role and effect of music in society. Courses for the general university student provide an environment which promotes a broad intellectual and cultural appreciation of music.

General Requirements—Music Majors and Minors

Academic Preparation

Students planning to major in music should have experience playing an instrument in their high school band or orchestra, singing in a high school choral ensemble, or should have studied an instrument (e.g., piano) privately for a significant period of time. It is expected that prospective music majors be able to read music and sight-sing in at least one clef. Although not mandatory, private study in voice or an instrument will be very beneficial in preparation for college study in music; it offers significant advantages in terms of enhancing individual performance technique and provides exposure to standard music literature. Ability to play piano—even at a rudimentary level—and read both treble and bass clefs is a desirable attribute for any music major. In addition,

it is helpful for students to have taken high school theory and/or music appreciation courses. Advanced keyboard ability is especially desirable for applicants to the composition and theory degree programs.

Admission

Applicants must apply to the University before completing audition requirements.

All applicants for admission to degree programs in music must satisfactorily complete an audition in a performance area. Students with any piano playing experience are asked to take a placement examination in piano (when piano is not a major instrument). Applicants to the B.M.E. degree must audition in wind, string, percussion, piano, or voice. Minimum repertoire standards for all performance areas are available from the department's Web site at [www.uwec.edu/mus-the](http://uwec.edu/mus-the) (<http://uwec.edu/mus-the>).

Scholarships are available to a limited number of applicants who demonstrate superior musical ability. An application for the audition and placement constitutes an application for a department scholarship, and no separate form is required. Applicants recommended for scholarship assistance will be notified after the audition.

The Department of Music and Theatre Arts adheres to the code of ethics of the National Association of Schools of Music (NASM). The acceptance of financial aid by an applicant is considered a declaration of intent to attend the institution; after May 1, the applicant may not consider any other offer from an NASM member institution without the written consent of the first institution. Similarly, a transfer applicant from a senior college or university cannot be considered for a scholarship without the recommendation of the institution from which the transfer is being made.

Graduation Requirements

Keyboard Placements. All entering freshmen and transfer students with piano experience who do not have piano as a major instrument take a piano placement examination which determines the level of class piano (MUSI 106 or MUSI 108) in which they will be enrolled to prepare for the piano proficiency examination. If the placement test indicates a sufficiently high level of ability, the student may be directed to applied piano (MUSI 151). A keyboard placement resulting in a higher-numbered keyboard course, i.e., MUSI 108 or MUSI 151, does not constitute credit by examination for a lower-numbered course. Credit by examination is not available for MUSI 104, MUSI 106, MUSI 108, MUSI 278, or MUSI 378.

The Piano Proficiency Examination must be passed

1. prior to enrollment in MUSI 350 for all music majors or MUED 310 if student is a Music Education major and/or
2. one year prior to admission to the professional semester for students working toward teaching licensure (B.M.E. programs) and/or
3. prior to graduation in any music major/minor program. It is offered only during the Fall and Spring Semester final examination periods. The Piano Proficiency Examination tests performance in major and minor scales, arpeggi, sight-reading, harmonization, transposition, and memorization.

Satisfactory/Unsatisfactory Policy. No music course may be taken under the Satisfactory/Unsatisfactory option.

Audit Policy. Applied lessons may not be taken for audit.

Special Student Status. High school students may enroll with permission of the instructor for courses in the Department of Music and Theatre Arts during the Special Student Registration. Because of demand for some courses and limitations on enrollment, degree students will be given priority. Credits earned as high school special students will be reviewed for acceptance into degree programs after official admission to the university and department.

Credit review procedure is the same as that for transfer students. Enrollment in graduate music courses under the special student admission status is not allowed except in workshops or by consent of the instructor.

NOTE: A student may not register for credit in a course which is a prerequisite for any other course in which the student has credit.

Bachelor of Music

Major applied lessons carry credits as follows: one 30-minute private lesson per week for one credit; one hour lesson per week for two, three, or four credits. The number of applied credits per semester indicates the minimum number of practice hours per day.

All applied B.M. students may present a half recital in the junior year and must present a full recital in the senior year. Recital requirements apply to the following comprehensive music majors:

- Applied Instrumental (Code 060-041)
- Applied Voice (Code 060-042)
- Piano Performance (Code 060-045)
- Piano Pedagogy (Code 060-049)
- Collaborative Piano (Code 060-050)
- Composition (Code 060-048)

Theatre Arts and Dance

The arts of theatre—acting, directing, playwriting, design, literature, and costuming—enable us to explore the experiences of humans and the universe. Theatre Artists study human ideas, values, relationships, obsessions, and accomplishments. Practical experimentation and practice of the arts of the theatre increases our ability to present human experiences to audiences for both entertainment and enlightenment.

Theatre Arts programs offer students training in various aspects of theatre including technical theatre, acting, directing, dance, dramatic literature, playwriting, and arts management.

Departmental Honors in Music and Theatre Arts

Eligibility

Upper-class music and theatre arts majors with resident and transfer GPAs of 3.50 or higher and a 3.50 or higher in the major are eligible for participation in the departmental honors program. Participants whose cumulative and/or major GPA falls below 3.50 can still graduate with honors as long as his/her GPA increases to 3.50 before graduation.

Procedure for Admission

A written application, available in the department office, is submitted for approval by the Departmental Honors Committee no later than the third week of classes of the junior year. Transfer students entering UW-Eau Claire with junior status must apply no later than the end of the third week of classes.

Requirements for Graduation with Departmental Honors

1. Complete all degree requirements for the major in music or theatre arts with a cumulative and major program GPA of 3.50 or higher.
2. Complete three honors course projects attached to courses that represent three different honors course categories. Approval of the course instructor and Honors Committee is required and a description of the honors work to be done must be submitted to the committee by the end of the third week

of classes. A report must be filed with the committee three weeks before final examination week.

3. Complete an honors paper supporting a senior project or performance under the direction of a department faculty member (e.g., historical, theoretical, pedagogical research; criticism; playwriting; composition; scenic or costume design; directing; solo recital; major acting/operatic role). The paper is defended orally to a faculty jury consisting of its faculty director and two members of the Honors Committee. A copy of the paper is filed with the committee.

Faculty

Alan Rieck, Chair

Music:

Robert Baca
 Jeffery Crowell
 Lori Cruciani
 Julie DeBoer
 Randal C. Dickerson
 Gary Don
 Laura Dunbar
 Christa Garvey
 Molly Gebrian
 Chia-Yu Hsu
 Trent Jacobs
 Ryan Jones
 Namji Kim
 Melissa Koprowski
 Timothy Lane
 Mark Mowry
 Phillip Ostrander
 Kenneth Pereira
 Gretchen Peters
 Nicholas Phillips
 Lee Anna Rasar
 Tulio Rondón
 Joshua Schwalbach
 Gary Schwartzhoff
 Michael Shults
 John Stewart
 Frank Watkins
 Nobuyoshi Yasuda

Theatre Arts and Dance:

Jennifer Chapman
 Arthur Grothe
 Richard Nimke
 Amanda Profaizer
 James Zwicky

Majors

- Comprehensive Major: Music, Instrumental and General Music Teaching - B.M.E (p. 357)
- Comprehensive Major: Music, Choral and General Music Teaching - B.M.E. (p. 350)
- Comprehensive Major: Music, Applied Instrumental - B.M (p. 346)
- Comprehensive Major: Music, Applied Voice - B.M. (p. 348)
- Comprehensive Major: Music, Piano Performance - B.M. (p. 368)
- Comprehensive Major: Music, Piano Pedagogy - B.M. (p. 366)
- Comprehensive Major: Music, Collaborative Piano - B.M. (p. 353)

- Comprehensive Major: Music, Composition - B.M. (p. 355)
- Comprehensive Major: Music, Theory - B.M. (p. 369)
- Comprehensive Major: Music, Music History, Liberal Arts - B.A./B.S. (p. 364)
- Major, Music, Liberal Arts - B.A./B.S. (p. 361)
- Comprehensive Major: Theatre Arts, Liberal Arts - B.A./B.S. (p. 371)
- Major: Theatre Arts, Liberal Arts - B.A./B.S. (p. 373)
- Major: Theatre Arts, Teaching, B.A. (p. 375)

Minors

- Minor: Music, Liberal Arts (p. 363)
- Minor: Theatre Arts, Liberal Arts (p. 378)
- Minor: Theatre Arts, Middle Childhood/Early Adolescence Teaching (p. 379)
- Minor: Theatre Arts, Early Adolescence/Adolescence Teaching (p. 378)
- Minor: Dance, Liberal Arts (p. 345)

Certificates

- Certificate: Fine Arts Administration (p. 346)

Dance, Minor

Liberal Arts (Code 605-400)

Twenty-four credits, including:

Eight credits of Physical Practice courses selected from:

DNCE 110	Ballet I	2
DNCE 112	Modern Dance I	2
DNCE 310	Ballet II ¹	2
DNCE 312	Modern Dance II ¹	2

Six credits of Theoretical Inquiry courses:

DNCE 101	Dance Appreciation	3
DNCE 420	Dance Composition	3

Ten credits of Creative Activity/Interdisciplinary Studies including:

Six credits from:

KINS 294	Anatomical Kinesiology	3
THEA 121	Introduction to Technical Theatre	3

Four credits selected from:

DNCE 370	Dance Performance Practicum (1-2 credits)	4
DNCE 395	Directed Studies	
DNCE 499	Independent Study	

Additional credits of Physical Practice courses

DNCE 110	Ballet I	
DNCE 112	Modern Dance I	
DNCE 310	Ballet II	
DNCE 312	Modern Dance II	
MUSI 110	Music Appreciation	
MUSI 225	World Music	
MUSI 307	Music in the United States	
THEA 130	Beginning Acting	
THEA 239	Stage Movement	

¹ repeat credits of DNCE 310 or DNCE 312 may be used to fulfill the requirement

Fine Arts Administration, Certificate

(Code 060-601)

The **Certificate in Fine Arts Administration** provides students with a core body of knowledge and skills to effectively manage community or institutionally based arts organizations and provides a foundation for continued study in fine arts administration. Emphasis is placed on management and communication skills useful to administrators of fine arts enterprises. The 18-credit program includes elective courses, a capstone seminar, and a one-semester internship.

Admission—Students who document interest, motivation, and commitment to the field of fine arts administration are eligible for admission. Admission is by written application. Applications are available from the Department of Music and Theatre Arts.

Eighteen semester credits, including:

THEA 121	Introduction to Technical Theatre	3
BSAD 305	Legal and Regulatory Environment	2
IDIS 410	Fine Arts Administration Seminar	3

One credit from one of the following internship courses: ¹ 1

ART 498	Internship	
CJ 498	Internship	
MUSI 498	Music Internship	
THEA 498	Theatre Arts Internship	
MGMT 398	Internship Program I	
MKTG 398	Internship Program I	

Nine credits from at least two areas below 9

Total Credits 18

¹ Internship must be tied to fine arts administration.

Nine credits from at least two areas below with the following stipulations. Courses used to complete major requirements do not count toward completion of the certificate. Students with majors outside of Art, Art History, Music and Theatre are required to choose a minimum of six credits from the Art History, Dance, Music, or Theatre Areas. Students from the majors listed above are required to choose a minimum of six credits from Business or Communication/Journalism (CJ) and Public Relations areas.

Art History area

ARTH 111	Art History Survey I	3
ARTH 112	Art History Survey II	3
ARTH 225	History of Graphic Design	3
ARTH 227	History of Photography	3
ARTH 310	History of World Architecture	3
CJ 311	Mass Media History	3

Business area

BCOM 206	Business Writing	2
BCOM 207	Business Presentations	2
BCOM 306	Advanced Business Writing	2
BCOM 307	Advanced Business Presentations	2

BCOM 317	Administrative Management	3
BCOM 365	Executive Profile Development	2

Dance area

DNCE 101	Dance Appreciation	3
DNCE 110	Ballet I	2
DNCE 112	Modern Dance I	2

CJ and Public Relations area

CJ 241	Audio and Video Production Process	3
CJ 301	Intercultural Communication	3
CJ 351	Strategic Event Planning	3
CJ 374	Integrated Strategic Communication (ISC) Campaign Design and Evaluation	3

Music area

MUSI 110	Music Appreciation	3
MUSI 111	Global Roots of Music in the United States	3
MUSI 112	History of Rock and Pop (summer only)	3
MUSI 114	Evolution of Jazz	3
MUSI 224	Music and Gender	3
MUSI 225	World Music	2
MUSI 307	Music in the United States	3
IDIS 174	Social Justice in the Humanities (when taught by music faculty)	3

Theatre area

THEA 125	Introduction to Theatre History	3
THEA 221	Introduction to Design	3
THEA 321	Scenic Design	3
THEA 324	Costume Design	3
THEA 327	Lighting Design	3
THEA 421	Touring Theatre	3
THEA 422	Play Production: Technical	3
THEA 434	Theatre Arts Management	3

A minimum grade of B must be earned in IDIS 410 and the internship course (ART 498, CJ 498, MUSI 498, THEA 498, MGMT 398, or MKTG 398).

Music, Applied Instrumental, Comprehensive Major

(Code 060-041)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average

Minor	2.00 average
Certificate	2.00 average
University Residency Requirements (p. 50) ³	
Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

Bachelor of Music

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Music Degree in the College of Arts and Sciences (B.M.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Major Requirements

Seventy-six semester credits, including:

Theory		16
MUSI 141 & MUSI 142	Theory Written I and Theory Aural I	
MUSI 146 & MUSI 147	Theory Written II and Theory Aural II	
MUSI 246 & MUSI 247	Theory Written III and Theory Aural III	
MUSI 248	Theory Written IV	
MUSI 249	Theory Aural IV	
History/Literature		12
MUSI 227	Music History & Society I	3
MUSI 229	Music History & Society II	3
MUSI 305	Analyzing Global Traditions in Music	3
MUSI 404	Music History Seminar	3
Applied Instrument, four credits per semester for eight semesters		32
Senior Recital		
MUSI 497	Senior Recital	2
Conducting		
MUSI 350	Conducting	2
Ensembles, eight semesters		
Six credits from:		6
MUSI 180/380	Symphony Band	
MUSI 181/381	Wind Ensemble	
MUSI 184/384	University Orchestra ¹	
Four credits from:		4
MUSI 186/386	Jazz Ensemble	
MUSI 253/453	University Chamber Orchestra	
MUSI 255/455	String Ensemble	
MUSI 256/456	Brass Ensemble	
MUSI 257/457	Woodwind Ensemble	
MUSI 258/458	Percussion Ensemble	
MUSI 259/459	Jazz Combo	
MUSI 260/460	Contemporary Music Ensemble	
Electives in Music		
Select from the following:		2
MUSI 150	Beginning Composition	
MUSI 170	Applied Music-Composition	
MUSI 325	Orchestration	
MUSI 335	Baroque Counterpoint	
MUSI 407	Music Theory Seminar	

Second Applied Instrument

Piano Proficiency - passed prior to graduation

Total Credits **88**

¹ A minimum of one semester in orchestra is required for those who play orchestral instruments.

Note: MUSI 404 (3 crs) may be used as an elective with adviser approval when topic differs from initial enrollment.

Music, Applied Voice, Comprehensive Major

(Code 060-042)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

Bachelor of Music

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major

department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Music Degree in the College of Arts and Sciences (B.M.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Major Requirements

Seventy-nine semester credits, including:

Theory		16
MUSI 141 & MUSI 142	Theory Written I and Theory Aural I	
MUSI 146 & MUSI 147	Theory Written II and Theory Aural II	
MUSI 246 & MUSI 247	Theory Written III and Theory Aural III	
MUSI 248	Theory Written IV	
MUSI 249	Theory Aural IV	
History/Literature		18
MUSI 227	Music History & Society I	
MUSI 229	Music History & Society II	
MUSI 305	Analyzing Global Traditions in Music	
MUSI 404	Music History Seminar	
MUSI 470	Opera Literature	
MUSI 472	Voice Literature	
Applied Voice, eight semesters, four semesters at 300 level		21
MUSI 153/353	Applied Music-Voice	
Applied Piano		
MUSI 151	Applied Music-Piano (two semesters, two credits)	2
MUSI 378	Advanced Functional Piano (one semester)	1
Senior Recital		

MUSI 497	Senior Recital	2
Voice Pedagogy		
MUSI 345	Voice Pedagogy	3
Singers' Diction		
MUSI 347	Singers' Diction: Italian and German	2
MUSI 348	Singers' Diction: English and French	2
Conducting		
MUSI 350	Conducting	2
Ensembles (eight semesters)		
Four credits from:		4
MUSI 188/388	Concert Choir	
MUSI 190/390	Symphonic Choir	
MUSI 191/391	Men's Glee Club (The Statesmen)	
MUSI 192/392	Women's Concert Chorale	
Two credits from:		2
MUSI 280/480	Opera/Music Theatre Workshop	
Two credits from:		2
MUSI 262/462	Chamber Choir	
MUSI 461	Voice Ensemble	
Supporting Courses		
At least two credits selected from the following:		2
DNCE 110	Ballet I	
DNCE 112	Modern Dance I	
MUSI 397	Junior Recital	
MUSI 480	Opera/Music Theatre Workshop	
THEA 130	Beginning Acting	
Piano Proficiency - passed prior to graduation		

Total Credits **79**

Other Requirements

Language proficiency at the 102 level in either French, German, or Italian.

Music, Choral and General Music, Comprehensive Major - Teaching

Teaching (Code 060-058)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		

Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50) ³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
	At least one Biology course	
	AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)	

K2 (Social Sciences)

PSYC 260 Educational Psychology 3
AND another learning experience

K3 (Humanities)

One literature course AND another learning experience

K4 (Fine Arts)

One fine arts course

S1 (Written and Oral Communication)

At least one writing course from the following:

WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	
WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students	

AND at least one oral communication course from the following:

CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	

S2 (Mathematics)

LE approved math course

S3 (Creativity)

ES 497 Field Experience Seminar (included in major) 2

R1 (Equity, Diversity, Inclusivity)

ES 385 Social Foundations: Human Relations (included in major) 3

AND another learning experience

R2 (Global Perspectives)

One LE approved course

R3 (Civic and Environmental Issues)

One LE approved course

IL (Integration)

ES 497 Field Experience Seminar (included in major) 2

AND another learning experience

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EC-A Licensure Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits).

Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.

- a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option C: EC-A Early Childhood through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2
Prescribed special methods course(s) (see approved majors and minors below)		
Student Teaching Courses from list below:		14
ES 441	Student Teaching in Elementary Education	7
AND		
ES 445	Student Teaching in Middle Level Education	7
or ES 470	Student Teaching in Secondary Education	
or		
ES 440	Internship Teaching in Elementary Education	7-14
or		
ES 446	Internship Teaching in Middle Level Education	7-14
or		
ES 475	Internship Teaching in Secondary Education	7-14

NOTE 1: SPED 300 (not required of Kinesiology or Music majors).

NOTE 2: ES 441 is not required for Foreign Language majors and minors in the student teaching semester as an earlier elementary level field placement (required by DPI) occurs in ES 437.

NOTE 3: Music Education majors take MUED 318 instead of ES 318 and MUED 487 or MUED 488 instead of ES 441 and one of ES 445 or ES 470, or ES 440, or ES 446, or ES 475.

Approved Majors and Minors for Option C

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II or ACTFL Content Test Required
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Art	020-072	ART 304 (Sp), ES 350 (F), ES 354 (Sp)		ETS 0134
Latin American Studies	340-003	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II ACTFL Content Test Required
Music, Instrumental/General	060-057	MUED 211, MUED 300, MUED 310, MUED 318, MUED 411, MUED 421		ETS 0113
Music, Choral/General	060-058	MUED 211, MUED 300, MUED 310, MUED 318, MUED 410, MUED 420		ETS 0113
Kinesiology	991-065	KINS 290		ETS 0091
French	260-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
German	280-204	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Spanish	320-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Theatre Arts	601-204	ES 361 (F)		ETS 0641
Minors	Code	Prescribed Methods Course	Additional Requirement	Praxis II ACTFL Content Test Required
Adaptive Physical Education	991-459		Only with KINS major	No addtl exam
French	260-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
German	280-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
Spanish	320-407	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
TESOL	550-410	ES 405 (F)	Only with F Lg major	ETS 0361

NOTE: Students completing an EC-A comprehensive major or standard major may complete an additional major or minor with licensure at the EA-A level from the list under Option B above.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Music, Choral and General Music, Comprehensive Major - Bachelor of Music Education

Sixty-two semester credits, including:

Theory 16

MUSI 141	Theory Written I	
& MUSI 142	and Theory Aural I	
MUSI 146	Theory Written II	
& MUSI 147	and Theory Aural II	
MUSI 246	Theory Written III	
& MUSI 247	and Theory Aural III	
MUSI 248	Theory Written IV	
MUSI 249	Theory Aural IV	

History/Literature 12

MUSI 227	Music History & Society I	
MUSI 229	Music History & Society II	
MUSI 305	Analyzing Global Traditions in Music	3
MUSI 404	Music History Seminar	3

Applied Music (Voice or Piano emphasis)

Voice Emphasis

MUSI 153	Applied Music-Voice (four semesters, four credits)	
MUSI 151	Applied Music-Piano (two semester, two credits)	
MUSI 353	Advanced Applied Music-Voice (three semesters, three credits)	
MUSI 378	Advanced Functional Piano (one semester, one credit)	

Piano Emphasis

MUSI 151	Applied Music-Piano (four semesters, four credits)	
MUSI 351	Advanced Applied Music-Piano (three semesters, three credits)	
MUSI 153	Applied Music-Voice (four semesters, four credits)	

Conducting

MUSI 350	Conducting	2
MUED 400	Choral Literature and Conducting	2

Pedagogy

MUSI 345	Voice Pedagogy	3
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Ensembles

Seven semesters, seven credits, including the two semesters immediately prior to the professional semester from:

MUSI 188/388	Concert Choir	
MUSI 190/390	Symphonic Choir	
MUSI 191/391	Men's Glee Club (The Statesmen)	
MUSI 192/392	Women's Concert Chorale	
One semester, one credit from:		

MUSI 262/462 Chamber Choir

MUSI 265/465 Vocal Jazz Ensemble

The two semesters immediately prior to the professional semester must be from the following:

MUSI 388 Concert Choir

MUSI 390 Symphonic Choir

MUSI 391 Men's Glee Club (The Statesmen)

MUSI 392 Women's Concert Chorale

Minimum of three credits must be from:

MUSI 188/388 Concert Choir

MUSI 190/390 Symphonic Choir

Minimum of two credits from:

MUSI 191/391 Men's Glee Club (The Statesmen)

MUSI 192/392 Women's Concert Chorale

Music Methods

MUED 211	Introduction to Music Education	1
MUED 300	Adaptive Music	1
MUED 310	Principles, Practices, and Practicum in General Music PreK-5	2
MUED 318	Music as Content in Schools	2
MUED 410	Secondary Choral Teaching Methods	2
MUED 420	Seminar in Teaching Choral Music	1

Piano Proficiency - passed prior to enrollment in MUED 310

Conducting Lab - one semester in a fall, one semester in a spring

MUED 135	Conducting Laboratory (Students are required to complete two successful audits of MUED 135)	2
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Other Requirements

Professional Education	26
University Requirements for Teacher Education Programs (see College of Education and Human Sciences). ¹	45-46

¹ If HNRS 101 is taken to fulfill the composition requirement, the total is 45 credits.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option C and leads to licensure to teach Choral Music and General Music in Early Childhood through Adolescence classrooms.

Music, Collaborative Piano, Comprehensive Major

(Code 060-050)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		

Credit Requirements	
Minimum total for graduation ¹	120
Upper division credits (courses numbered 300 and higher)	39
Liberal Education Core (p. 46)	36
Academic Concentrations (p. 50)	

Grade Point Requirements (p. 49) ²	
Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50) ³	
Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1)		Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3)	One (1) learning experiences
Responsibility Goal	
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3)	One (1) learning experiences
Integration Goal	
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1)	Two (2) learning experiences
Service-Learning Goal	
Service-Learning (p. 49)	30 hours

College Degree Requirements

Bachelor of Music

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Music Degree in the College of Arts and Sciences (B.M.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Major Requirements

Seventy-eight semester credits, including:

Theory	18
MUSI 141 Theory Written I & MUSI 142 and Theory Aural I	
MUSI 146 Theory Written II & MUSI 147 and Theory Aural II	
MUSI 246 Theory Written III & MUSI 247 and Theory Aural III	
MUSI 248 Theory Written IV	
MUSI 249 Theory Aural IV	
MUSI 335 Baroque Counterpoint	
History/Literature	12
MUSI 227 Music History & Society I	
MUSI 229 Music History & Society II	
MUSI 305 Analyzing Global Traditions in Music	
MUSI 404 Music History Seminar	
Applied Piano, eight semesters (two credits per semester, four semesters at 300-level)	16
MUSI 151/351 Applied Music-Piano	
Senior Recital (Collaborative)	
MUSI 497 Senior Recital	2
Sophomore/Junior Recital (Solo)	
MUSI 297 Sophomore Recital or MUSI 397 Junior Recital	1
Piano Literature	
MUSI 481 Piano Literature I	2
MUSI 482 Piano Literature II	2
Voice Literature	
MUSI 472 Voice Literature	3
Singers' Diction	
MUSI 347 Singers' Diction: Italian and German	2
MUSI 348 Singers' Diction: English and French	2
Keyboard Accompanying	
MUSI 276 Keyboard Accompanying	2
Conducting	
MUSI 350 Conducting	2
Ensembles, eight semesters, including two from MUSI 268 or MUSI 468 ¹	8
Electives in Music	6

Piano Proficiency - passed prior to graduation	
Total Credits	78

- ¹ Ensemble requirements for students in the Collaborative Piano emphasis to include, with input from ensemble directors, experience as the ensemble pianist in MUSI 180/MUSI 380, MUSI 181/MUSI 381, MUSI 184/MUSI 384, MUSI 188/MUSI 388, MUSI 190/MUSI 390, MUSI 191/MUSI 391, MUSI 192/MUSI 392, MUSI 260/MUSI 460, and two semesters of chamber music in consultation with their instructor

Music, Composition, Comprehensive Major

(Code 060-048)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49)²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50)³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
² See special requirements in each College.
³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

Bachelor of Music

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major

department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Music Degree in the College of Arts and Sciences (B.M.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Major Requirements

All students majoring in composition must earn a grade of at least C in each theory and each composition course.

Seventy-seven semester credits, including:

Theory		26
MUSI 141 & MUSI 142	Theory Written I and Theory Aural I	
MUSI 146 & MUSI 147	Theory Written II and Theory Aural II	
MUSI 246 & MUSI 247	Theory Written III and Theory Aural III	
MUSI 248	Theory Written IV	
MUSI 249	Theory Aural IV	
MUSI 309	Electronic Music	
MUSI 325	Orchestration	
MUSI 335	Baroque Counterpoint	
MUSI 407	Music Theory Seminar	
MUSI 437	Renaissance Counterpoint	
History/Literature		12
MUSI 227	Music History & Society I	
MUSI 229	Music History & Society II	
MUSI 305	Analyzing Global Traditions in Music	
MUSI 404	Music History Seminar	
Composition		12
MUSI 150	Beginning Composition	

MUSI 170/370	Applied Music-Composition (five semesters, three semesters at 370 level)	
	Applied Music, minimum of six semesters, six credits, at least two credits at 300 level ¹	6
	Keyboard, four semesters	4
	MUSI 151 Applied Music-Piano	
	OR	
	Keyboard (piano emphasis) Students must substitute four credits of Music electives or supporting electives from list below	
	Conducting	
MUSI 350	Conducting	2
	Senior Recital	
MUSI 497	Senior Recital	2
	Ensembles, eight semesters	
	Four credits from:	4
MUSI 180/380	Symphony Band	
MUSI 181/381	Wind Ensemble	
MUSI 184/384	University Orchestra	
MUSI 188/388	Concert Choir	
MUSI 190/390	Symphonic Choir	
MUSI 191/391	Men's Glee Club (The Statesmen)	
MUSI 192/392	Women's Concert Chorale	
	Four credits with at least two of these credits from MUSI 260/MUSI 460:	4
MUSI 253/453	University Chamber Orchestra	
MUSI 255/455	String Ensemble	
MUSI 256/456	Brass Ensemble	
MUSI 257/457	Woodwind Ensemble	
MUSI 258/458	Percussion Ensemble	
MUSI 259/459	Jazz Combo	
MUSI 260/460	Contemporary Music Ensemble	
MUSI 262/462	Chamber Choir	
MUSI 265/465	Vocal Jazz Ensemble	
MUSI 268/468	Piano Ensemble	
MUSI 186/386	Jazz Ensemble	
	Electives in Music	2

Supporting Courses	
Select one of the following:	
3	
ANTH/AIS 161	Introduction to Cultural Anthropology
CS 163	Introduction to Programming in C++
PHIL 325	Aesthetics
PHYS 308	Science of Musical Sound
POLS 390	Culture and Politics
Piano Proficiency - passed prior to graduation	
Total Credits	77

¹ Students who wish to take a full eight semesters of applied lessons may do so, at the discretion of the studio teacher, by applying music elective credits toward applied study.

Other Requirements

Freshman and transfer students interested in majoring in composition are strongly urged to present a composition portfolio to a member of the composition faculty before registering for any composition course. No possible credit for composition at another institution will be awarded before the end of the first semester of study at UW-Eau Claire.

Music, Instrumental and General Music Teaching, Comprehensive Major

Teaching (Code 060-057)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences

Service-Learning Goal	Credits
Service-Learning (p. 49)	30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		
WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	

WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students	
AND at least one oral communication course from the following:		
CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	
S2 (Mathematics)		
LE approved math course		
S3 (Creativity)		
ES 497	Field Experience Seminar (included in major)	2
R1 (Equity, Diversity, Inclusivity)		
ES 385	Social Foundations: Human Relations (included in major)	3
AND another learning experience		
R2 (Global Perspectives)		
One LE approved course		
R3 (Civic and Environmental Issues)		
One LE approved course		
IL (Integration)		
ES 497	Field Experience Seminar (included in major)	2
AND another learning experience		

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EC-A Licensure Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option C: EC-A Early Childhood through Adolescence Licensure

Code	Title	Credits
Professional Sequence		

ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2
Prescribed special methods course(s) (see approved majors and minors below)		
Student Teaching Courses from list below:		14
ES 441	Student Teaching in Elementary Education	7
AND		
ES 445	Student Teaching in Middle Level Education	7
or ES 470 Student Teaching in Secondary Education		
or		
ES 440	Internship Teaching in Elementary Education	7-14
or		
ES 446	Internship Teaching in Middle Level Education	7-14
or		
ES 475	Internship Teaching in Secondary Education	7-14

NOTE 1: SPED 300 (not required of Kinesiology or Music majors).

NOTE 2: ES 441 is not required for Foreign Language majors and minors in the student teaching semester as an earlier elementary level field placement (required by DPI) occurs in ES 437.

NOTE 3: Music Education majors take MUED 318 instead of ES 318 and MUED 487 or MUED 488 instead of ES 441 and one of ES 445 or ES 470, or ES 440, or ES 446, or ES 475.

Approved Majors and Minors for Option C

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II or ACTFL Content Test Required
Art	020-072	ART 304 (Sp), ES 350 (F), ES 354 (Sp)		ETS 0134
Latin American Studies	340-003	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II ACTFL Content Test Required

Music, Instrumental/General	060-057	MUED 211, MUED 300, MUED 310, MUED 318, MUED 411, MUED 421		ETS 0113
Music, Choral/General	060-058	MUED 211, MUED 300, MUED 310, MUED 318, MUED 410, MUED 420		ETS 0113
Kinesiology	991-065	KINS 290		ETS 0091
French	260-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
German	280-204	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Spanish	320-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Theatre Arts	601-204	ES 361 (F)		ETS 0641

Minors	Code	Prescribed Methods Course	Additional Requirement	Praxis II ACTFL Content TEst Required
Adaptive Physical Education	991-459		Only with KINS major	No addtl exam
French	260-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
German	280-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
Spanish	320-407	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
TESOL	550-410	ES 405 (F)	Only with F Lg major	ETS 0361

NOTE: Students completing an EC-A comprehensive major or standard major may complete an additional major or minor with licensure at the EA-A level from the list under Option B above.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Music, Instrumental and Music Teaching, Comprehensive Major - Bachelor of Music Education

Sixty-one semester credits, including:

Theory				16
MUSI 141 & MUSI 142	Theory Written I and Theory Aural I			
MUSI 146 & MUSI 147	Theory Written II and Theory Aural II			
MUSI 246 & MUSI 247	Theory Written III and Theory Aural III			
MUSI 248	Theory Written IV			

MUSI 249	Theory Aural IV			
History/Literature				12
MUSI 227	Music History & Society I			
MUSI 229	Music History & Society II			
MUSI 305	Analyzing Global Traditions in Music			3
MUSI 404	Music History Seminar			3
Applied Music (Select an Emphasis):				
Wind, String, Percussion Emphasis—Major Instrument				7
Four semesters, four credits from MUSI 154 - MUSI 169; three semesters, three credits from MUSI 354 - MUSI 369				
Piano Emphasis - Piano				8
Four semesters, four credits MUSI 151; three semesters, three credits MUSI 351; and one credit from MUSI 154 - MUSI 169				
Conducting				4
MUSI 350	Conducting			
MUED 401	Instrumental Literature and Conducting			
Techniques				5
MUSI 196	String Techniques			
MUSI 198	Percussion Techniques			
MUSI 202	Brass Techniques			
MUSI 208	Woodwind Techniques			
MUSI 210	Woodwind Techniques			
Ensembles - Seven unique semesters required				
Wind and Percussion majors:				
(two semesters immediately prior to the professional semester must be MUSI 380 or MUSI 381)				
Six semesters, six credits, including the two semesters immediately prior to the professional semester from the following:				
MUSI 180/380	Symphony Band			
MUSI 181/381	Wind Ensemble			
MUSI 184/384	University Orchestra			
Required:				
MUSI 183	Marching Band (two semesters, two credits required)			2
Select one credit from the following:				1
MUSI 186/386	Jazz Ensemble			
MUSI 253/453	University Chamber Orchestra			
MUSI 259/459	Jazz Combo			
MUSI 260/460	Contemporary Music Ensemble			
MUSI 268/468	Piano Ensemble			
String majors:				
Seven semesters, seven credits from:				
MUSI 184/384	University Orchestra			
Select one credit from the following:				

MUSI 253/453	University Chamber Orchestra
MUSI 255/455	String Ensemble

Music Methods		
MUED 211	Introduction to Music Education	1
MUED 300	Adaptive Music	1
MUED 310	Principles, Practices, and Practicum in General Music PreK-5	2
MUED 318	Music as Content in Schools	2
MUED 411	Secondary Instrumental Teaching Methods	2
MUED 421	Seminar in Teaching Instrumental Music	1

Piano Proficiency - passed prior to enrollment in MUED 310

Conducting Lab - one semester in a fall, one semester in a spring		
MUED 135	Conducting Laboratory (Students are required to complete two successful audits of MUED 135)	2

Other Requirements		
Professional Education		26
University Requirements for Teacher Education Programs (see College of Education and Human Sciences). ¹		45-46

¹ If HNRS 101 is taken to fulfill the composition requirement, the total is 45 credits.

Music, Major

Liberal Arts (Code 060-201)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49)²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50)³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.
Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
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One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
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Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
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Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
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One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
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Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
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Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
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Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the

MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Forty-six semester credits, including:

Theory		16
MUSI 141 & MUSI 142	Theory Written I and Theory Aural I	
MUSI 146 & MUSI 147	Theory Written II and Theory Aural II	
MUSI 246 & MUSI 247	Theory Written III and Theory Aural III	
MUSI 248	Theory Written IV	
MUSI 249	Theory Aural IV	
History/Literature		12
MUSI 227	Music History & Society I	
MUSI 229	Music History & Society II	
MUSI 305	Analyzing Global Traditions in Music	
MUSI 404	Music History Seminar	
Applied Instrument		
Eight semesters, eight credits, two credits at the 300 level from:		8
MUSI 151/351	Applied Music-Piano	
MUSI 152/352	Applied Music-Organ	
MUSI 153/353	Applied Music-Voice	
MUSI 154/354	Applied Music-Violin	
MUSI 155/355	Applied Music-Viola	
MUSI 156/356	Applied Music-Cello	
MUSI 157/357	Applied Music-Double Bass	
MUSI 158/358	Applied Music-Flute	
MUSI 159/359	Applied Music-Oboe	
MUSI 160/360	Applied Music-Clarinet	
MUSI 161/361	Applied Music-Bassoon	
MUSI 162/362	Applied Music-Saxophone	
MUSI 163/363	Applied Music-Trumpet/Cornet	
MUSI 164/364	Applied Music-French Horn	
MUSI 165/365	Applied Music-Trombone	
MUSI 167/367	Applied Music-Euphonium	
MUSI 168/368	Applied Music-Tuba	

MUSI 169/369	Applied Music-Percussion	
MUSI 171/371	Applied Music-Harp	
MUSI 172/372	Applied Music-Harpsichord	
Conducting		
MUSI 350	Conducting	2
Ensembles		
Eight semesters, four credits from:		4
MUSI 180/380	Symphony Band	
MUSI 181/381	Wind Ensemble	
MUSI 184/384	University Orchestra	
MUSI 188/388	Concert Choir	
MUSI 190/390	Symphonic Choir	
MUSI 191/391	Men's Glee Club (The Statesmen)	
MUSI 192/392	Women's Concert Chorale	
Two credits from:		2
MUSI 253/453	University Chamber Orchestra	
MUSI 255/455	String Ensemble	
MUSI 256/456	Brass Ensemble	
MUSI 257/457	Woodwind Ensemble	
MUSI 258/458	Percussion Ensemble	
MUSI 259/459	Jazz Combo	
MUSI 260/460	Contemporary Music Ensemble ¹	
MUSI 262/462	Chamber Choir	
MUSI 265/465	Vocal Jazz Ensemble	
MUSI 268/468	Piano Ensemble	
MUSI 186/386	Jazz Ensemble	
Two credits from elective ensembles		2
Piano Proficiency - passed prior to graduation		
Total Credits		46

Music, Minor

Liberal Arts (Code 060-401)

Twenty-four semester credits, including:

Theory		
MUSI 141 & MUSI 142	Theory Written I and Theory Aural I	4
MUSI 146 & MUSI 147	Theory Written II and Theory Aural II	4
History/Literature		
Minimum of two credits from:		2
MUSI 110	Music Appreciation	
MUSI 111	Global Roots of Music in the United States	
MUSI 112	History of Rock and Pop	
MUSI 114	Evolution of Jazz	
MUSI/WMNS 224	Music and Gender	
MUSI 227	Music History & Society I	
MUSI 307	Music in the United States	
IDIS 174	Social Justice in the Humanities (when taught by a music faculty member)	
MUSI 225	World Music	
Applied Music		
four credits, four semesters from one instrument, excluding MUSI 170/MUSI370		4
Large Ensembles		
Three credits, three semesters from:		3
MUSI 180/380	Symphony Band	
MUSI 181/381	Wind Ensemble	
MUSI 184/384	University Orchestra	
MUSI 188/388	Concert Choir	
MUSI 190/390	Symphonic Choir	
MUSI 191/391	Men's Glee Club (The Statesmen)	
MUSI 192/392	Women's Concert Chorale	
Music Electives		
A minimum of four credits elected from any course with a MUSI prefix ¹		4

¹ MUSI 182/MUSI 382 and MUSI 193/MUSI 393 may be used only with approval, with a maximum of two credits from ensembles elected from MUSI 180/MUSI 380, MUSI 181/MUSI 381, MUSI 184/MUSI 384, MUSI 186/MUSI 386, MUSI 188/MUSI 388, MUSI 190/MUSI 390, MUSI 191/MUSI 391, MUSI 192/MUSI 392, MUSI 253/MUSI 453–MUSI 268/MUSI 468 or MUSI 280/MUSI 480, and maximum of two credits from applied music for a minimum total of 24 credits

NOTE: The piano proficiency is a requirement and must be passed prior to graduation.

Music, Music History, Comprehensive Major

Liberal Arts (Code 060-063)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
a minimum of 36 credits		
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>)

Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>)

One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>)

Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>)

One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>)

One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>)

Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>)

One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>)

One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

This degree is intended for students planning to attend graduate school in musicology. Students will need to seek permission to declare this degree by musicology faculty. Musicology faculty will base their decision on grades in MUSI 227 and MUSI 229, total GPA, and samples of writing. While there is no set GPA for admission into the major, a student requesting this major should have attained minimum GPAs of 3.25 in the following areas:

1. MUSI 227 and MUSI 229,
2. other academic music courses,
3. total GPA.

Sixty-seven to sixty-eight semester credits, including:

Theory	18
MUSI 141 Theory Written I & MUSI 142 and Theory Aural I	
MUSI 146 Theory Written II & MUSI 147 and Theory Aural II	
MUSI 246 Theory Written III & MUSI 247 and Theory Aural III	
MUSI 248 Theory Written IV & MUSI 249 and Theory Aural IV	
MUSI 407 Music Theory Seminar	
History/Literature	15

MUSI 227	Music History & Society I	
MUSI 229	Music History & Society II	
MUSI 305	Analyzing Global Traditions in Music	
MUSI 404	Music History Seminar (taken two times)	
Choose one of the following courses:		2-3
MUSI 335	Baroque Counterpoint	
MUSI 404	Music History Seminar	
MUSI 437	Renaissance Counterpoint	
Research Project		
MUSI 399	Independent Study - Juniors (adviser permission required)	2
Applied Instrument		
Eight semesters, eight credits, of which two credits must be at the 300 level from:		8
MUSI 151/351	Applied Music-Piano	
MUSI 152/352	Applied Music-Organ	
MUSI 153/353	Applied Music-Voice	
MUSI 154/354	Applied Music-Violin	
MUSI 155/355	Applied Music-Viola	
MUSI 156/356	Applied Music-Cello	
MUSI 157/357	Applied Music-Double Bass	
MUSI 158/358	Applied Music-Flute	
MUSI 159/359	Applied Music-Oboe	
MUSI 160/360	Applied Music-Clarinet	
MUSI 161/361	Applied Music-Bassoon	
MUSI 162/362	Applied Music-Saxophone	
MUSI 163/363	Applied Music-Trumpet/Cornet	
MUSI 164/364	Applied Music-French Horn	
MUSI 165/365	Applied Music-Trombone	
MUSI 167/367	Applied Music-Euphonium	
MUSI 168/368	Applied Music-Tuba	
MUSI 169/369	Applied Music-Percussion	
MUSI 171/371	Applied Music-Harp	
MUSI 172/372	Applied Music-Harpsichord	
Ensembles, eight semesters		
Four credits from:		4

MUSI 180/380	Symphony Band	
MUSI 181/381	Wind Ensemble	
MUSI 184/384	University Orchestra	
MUSI 188/388	Concert Choir	
MUSI 190/390	Symphonic Choir	
MUSI 191/391	Men's Glee Club (The Statesmen)	
MUSI 192/392	Women's Concert Chorale	
Four credits from:		4
MUSI 253/453	University Chamber Orchestra	
MUSI 255/455	String Ensemble	
MUSI 256/456	Brass Ensemble	
MUSI 257/457	Woodwind Ensemble	
MUSI 258/458	Percussion Ensemble	
MUSI 259/459	Jazz Combo	
MUSI 260/460	Contemporary Music Ensemble ¹	
MUSI 262/462	Chamber Choir	
MUSI 265/465	Vocal Jazz Ensemble	
MUSI 268/468	Piano Ensemble	
MUSI 186/386	Jazz Ensemble	
Conducting		
MUSI 350	Conducting	2
Piano Proficiency - passed prior to graduation		
Elective Courses		
Twelve credits from the following (maximum two courses per discipline):		12
ARTH any course		
ANTH 315	Language in Culture and Society	
ANTH 351	Cross-Cultural Dynamics	
ANTH 355	Peoples of Africa	
ANTH 422	Anthropology of Law	
ANTH 463	Religion and Culture	
ANTH/AIS 161	Introduction to Cultural Anthropology	
ANTH/AIS 325	North American Indians	
ANTH/WMNS 356	Women in Cross-Cultural Perspective	
HIST any course		

ENGL Literature courses

Total Credits**67-68**¹ at least two of these credits from MUSI 260/MUSI 460

Music, Piano Pedagogy, Comprehensive Major

(Code 060-049)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		
Apply for graduation on CampS.		
	¹ Certain programs exceed this minimum.	
	² See special requirements in each College.	
	³ See special requirements for the College of Education and Human Sciences.	
Liberal Education Core		
The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.		
Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal	
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal	
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal	
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal	
Service-Learning (p. 49)	30 hours

College Degree Requirements

Bachelor of Music

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is

required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Music Degree in the College of Arts and Sciences (B.M.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Major Requirements

Seventy-five semester credits, including:		18
Theory		
MUSI 141 & MUSI 142	Theory Written I and Theory Aural I	
MUSI 146 & MUSI 147	Theory Written II and Theory Aural II	
MUSI 246 & MUSI 247	Theory Written III and Theory Aural III	
MUSI 248	Theory Written IV	
MUSI 249	Theory Aural IV	
MUSI 335	Baroque Counterpoint	
History/Literature		12
MUSI 227	Music History & Society I	
MUSI 229	Music History & Society II	
MUSI 305	Analyzing Global Traditions in Music	
MUSI 404	Music History Seminar	
Applied Piano, eight semesters (two credits per semester, four semesters at 300 level)		16
MUSI 151/351	Applied Music-Piano	
Sophomore/Junior Recital		
MUSI 297 or MUSI 397	Sophomore Recital or Junior Recital	1
Piano Literature		
MUSI 481	Piano Literature I	2
MUSI 482	Piano Literature II	2
Piano Pedagogy I and II		
MUSI 315	Piano Pedagogy I	2
MUSI 316	Piano Pedagogy II	2
Capstone Project		

MUSI 495	Directed Studies-Pedagogy (Major Instrument)	1
Educational Psychology		
PSYC 260	Educational Psychology	3
Conducting		
MUSI 350	Conducting	2
Ensembles, Eight semesters, including three from MUSI 268/MUSI 468 ¹		
Electives in Music		
Piano Proficiency - passed prior to graduation		
Total Credits		75

¹ Four semesters of large ensemble to be selected from: MUSI 180/MUSI 380, MUSI 181/MUSI 381, MUSI 184/MUSI 384, MUSI 188/MUSI 388, MUSI 190/MUSI 390, MUSI 191/MUSI 391, MUSI 192/MUSI 392, MUSI 260/MUSI 460

Music, Piano Performance, Comprehensive Major

(Code 060-045)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		
Apply for graduation on CampS.		

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

Bachelor of Music

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Music Degree in the College of Arts and Sciences (B.M.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Major Requirements

Seventy-five semester credits, including:

Theory	18
MUSI 141 Theory Written I & MUSI 142 and Theory Aural I	
MUSI 146 Theory Written II & MUSI 147 and Theory Aural II	
MUSI 246 Theory Written III & MUSI 247 and Theory Aural III	
MUSI 248 Theory Written IV	
MUSI 249 Theory Aural IV	
MUSI 335 Baroque Counterpoint	
History/Literature	12
MUSI 227 Music History & Society I	
MUSI 229 Music History & Society II	
MUSI 305 Analyzing Global Traditions in Music	
MUSI 404 Music History Seminar	
Applied Piano, eight semesters (two credits per semester, four semesters at 300 level)	16
MUSI 151/351 Applied Music-Piano	
Senior Recital	

MUSI 497 Senior Recital	2
Sophomore/Junior Recital	
MUSI 297/397 Sophomore Recital	1
Piano Literature I and II	
MUSI 481 Piano Literature I	2
MUSI 482 Piano Literature II	2
Piano Pedagogy	
MUSI 315 Piano Pedagogy I	2
Conducting	
MUSI 350 Conducting	2
Keyboard Accompanying	
MUSI 276 Keyboard Accompanying	2
Ensembles, eight semesters including two from MUSI 268/ MUSI 468 and two from Chamber Music ¹	8
Electives in Music	8
Piano Proficiency - passed prior to graduation	
Total Credits	75

¹ Ensemble requirements for students in the Piano Performance emphasis to include four semesters of large ensemble to be selected from: MUSI 180/MUSI 380, MUSI 181/MUSI 381, MUSI 184/MUSI 384, MUSI 188/MUSI 388, MUSI 190/MUSI 390, MUSI 191/MUSI 391, MUSI 192/MUSI 392, MUSI 260/MUSI 460, and two semesters of chamber music in consultation with their instructor

Music, Theory, Comprehensive Major

(Code 060-047)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements

Bachelor of Music

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Music Degree in the College of Arts and Sciences (B.M.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency can be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Major Requirements

All students majoring in theory must earn a grade of at least C in each theory and each composition course.

Seventy-eight semester credits, including:

Theory		26
MUSI 141 & MUSI 142	Theory Written I and Theory Aural I	
MUSI 146 & MUSI 147	Theory Written II and Theory Aural II	
MUSI 246 & MUSI 247	Theory Written III and Theory Aural III	

MUSI 248	Theory Written IV	
MUSI 249	Theory Aural IV	
MUSI 309	Electronic Music	
MUSI 325	Orchestration	
MUSI 335	Baroque Counterpoint	
MUSI 407	Music Theory Seminar	
MUSI 437	Renaissance Counterpoint	
Supporting Courses		
Six credits from the following:		6
CS 163	Introduction to Programming in C++	
PHIL 325	Aesthetics	
PHYS 308	Science of Musical Sound	
History/Literature		12
MUSI 227	Music History & Society I	
MUSI 229	Music History & Society II	
MUSI 305	Analyzing Global Traditions in Music	
MUSI 404	Music History Seminar	
Composition		
MUSI 150	Beginning Composition	2
MUSI 170	Applied Music-Composition (Two semesters)	2
Applied Music		
Eight semesters, eight credits, two credits at the 300 level; at least four credits must be from MUSI 151/MUSI 351		8
Conducting		
MUSI 350	Conducting	2
Junior Project		
MUSI 399	Independent Study - Juniors	1
Senior Thesis		
MUSI 499	Independent Study - Seniors	2
Ensembles		
Eight semesters, four credits from:		4
MUSI 180/380	Symphony Band	
MUSI 181/381	Wind Ensemble	
MUSI 184/384	University Orchestra	
MUSI 188/388	Concert Choir	
MUSI 190/390	Symphonic Choir	
MUSI 191/391	Men's Glee Club (The Statesmen)	
MUSI 192/392	Women's Concert Chorale	
Four credits, at least two of these credits from MUSI 260/MUSI 460		4
MUSI 253/453	University Chamber Orchestra	
MUSI 255/455	String Ensemble	
MUSI 256/456	Brass Ensemble	

MUSI 257/457	Woodwind Ensemble	
MUSI 258/458	Percussion Ensemble	
MUSI 259/459	Jazz Combo	
MUSI 260/460	Contemporary Music Ensemble	
MUSI 262/462	Chamber Choir	
MUSI 265/465	Vocal Jazz Ensemble	
MUSI 268/468	Piano Ensemble	
MUSI 186/386	Jazz Ensemble	
Electives in Music		9
Piano Proficiency - passed prior to graduation		
Total Credits		78

Theatre Arts, Comprehensive Major

Liberal Arts (Code 601-001)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
	Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal		
	Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
	One S1 must meet the University Writing Requirement (p. 49)	
	Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
	One S2 to meet the University Mathematics Requirement (p. 49)	
	Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal		
	Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
	One R1 must satisfy Design for Diversity (p. 49)	
	Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
	Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal		
	Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal		
	Service-Learning (p. 49)	30 hours

College Degree Requirements Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Sixty semester credits, including:

Core requirements, twenty-one credits:		
THEA 121	Introduction to Technical Theatre	3
THEA 125	Introduction to Theatre History	3
THEA 130	Beginning Acting	3
THEA 151	Costume Shop Practicum	1
THEA 152	Scenic Shop Practicum	1
THEA 153	Light/Sound Shop Practicum	1
THEA 221	Introduction to Design	3
THEA 332	Directing	3
THEA 425	Modern Drama and Theatre	3
THEA 123	Voice and Diction	3
or THEA 239	Stage Movement	
Select one of the following:		3
THEA 321	Scenic Design	
THEA 324	Costume Design	
THEA 327	Lighting Design	
Required:		
THEA 220	Stage Makeup	3
or THEA 224	Costume Technology	
One course from:		
DNCE 110	Ballet I	
DNCE 112	Modern Dance I	
DNCE 114	Jazz Dance I	
DNCE 116	Tap Dance I	
Five different credits from:		5
THEA 170	Acting-Minor Roles/Chorus	
THEA 171	Assistant Stage Manager	
THEA 172	Scenic Construction Crew	
THEA 173	Light/Sound Board Operator	
THEA 174	Costume Crew	
THEA 175	Stage/Properties Crew	
THEA 176	Makeup Crew	
THEA 177	Publicity Crew	
THEA 178	Electrics Crew	
THEA 179	Special Effects/Sound Facilitator	
THEA 351	Advanced Costume Shop Practicum	
THEA 352	Advanced Scenic Shop Practicum	
THEA 353	Advanced Light/Sound Shop Practicum	
THEA 370	Acting-Major Roles	
THEA 371	Stage Manager/Assistant Director/ Assistant Choreographer	
THEA 372	Assistant Scenic Design/Assistant Technical Direction	
THEA 373	Assistant Lighting Design	
THEA 374	Assistant Costume Design/Shop Supervisor	
THEA 375	Properties Design	
THEA 376	Makeup Design	
THEA 377	Publicity/Program Design	
THEA 378	Master Electrician	

THEA 379	House Manager	
15 credits from:		15
any three-credit THEA class numbered 200 or above		
MUSI 118	Introduction to Singing	
DNCE 110	Ballet I	
DNCE 112	Modern Dance I	
DNCE 114	Jazz Dance I	
DNCE 116	Tap Dance I	
nine credits of adviser-approved electives		9

Theatre Arts, Major - Liberal Arts

Liberal Arts (Code 601-223)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on Camp5.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major

department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Thirty-eight semester credits, including:

Core requirement, twenty-one credits		
THEA 121	Introduction to Technical Theatre	3
THEA 125	Introduction to Theatre History	3
THEA 130	Beginning Acting	3
THEA 151	Costume Shop Practicum	1
THEA 152	Scenic Shop Practicum	1
THEA 153	Light/Sound Shop Practicum	1
THEA 221	Introduction to Design	3
THEA 332	Directing	3
THEA 425	Modern Drama and Theatre	3
THEA 123	Voice and Diction	3

or THEA 239	Stage Movement	
Select one of the following:		3
THEA 321	Scenic Design	
THEA 324	Costume Design	
THEA 327	Lighting Design	
THEA 220	Stage Makeup	3
or THEA 224	Costume Technology	
Two different credits from:		2
THEA 170	Acting-Minor Roles/Chorus	
THEA 171	Assistant Stage Manager	
THEA 172	Scenic Construction Crew	
THEA 173	Light/Sound Board Operator	
THEA 174	Costume Crew	
THEA 175	Stage/Properties Crew	
THEA 176	Makeup Crew	
THEA 177	Publicity Crew	
THEA 178	Electrics Crew	
THEA 179	Special Effects/Sound Facilitator	
THEA 370	Acting-Major Roles	
THEA 371	Stage Manager/Assistant Director/ Assistant Choreographer	
THEA 372	Assistant Scenic Design/Assistant Technical Direction	
THEA 373	Assistant Lighting Design	
THEA 374	Assistant Costume Design/Shop Supervisor	
THEA 375	Properties Design	
THEA 376	Makeup Design	
THEA 377	Publicity/Program Design	
THEA 378	Master Electrician	
THEA 379	House Manager	
Six credits from:		6
Any three-credit THEA course numbered 200 or above		
MUSI 118	Introduction to Singing	
DNCE 110	Ballet I	
DNCE 112	Modern Dance I	
DNCE 114	Jazz Dance I	
DNCE 116	Tap Dance I	

Total Credits **38**

Theatre Arts, Major - Teaching

Teaching (Code 601-204)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		

Grade Point Requirements (p. 49) ²

Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50) ³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
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K1 (Natural Sciences)

At least one Biology course

AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)

K2 (Social Sciences)

PSYC 260	Educational Psychology	3
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AND another learning experience

K3 (Humanities)

One literature course AND another learning experience

K4 (Fine Arts)

One fine arts course

S1 (Written and Oral Communication)

At least one writing course from the following:

WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing
WRIT 116	Blugold Seminar in Critical Reading and Writing
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students

AND at least one oral communication course from the following:

CJ 201	Introduction to Interpersonal Communication
CJ 202	Fundamentals of Speech
CJ 203	Fundamentals of Human Communication

S2 (Mathematics)

LE approved math course

S3 (Creativity)

ES 497	Field Experience Seminar (included in major)	2
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R1 (Equity, Diversity, Inclusivity)

ES 385	Social Foundations: Human Relations (included in major)	3
--------	---	---

AND another learning experience

R2 (Global Perspectives)

One LE approved course

R3 (Civic and Environmental Issues)

One LE approved course

IL (Integration)

ES 497	Field Experience Seminar (included in major)	2
--------	--	---

AND another learning experience

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EC-A Licensure Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option C: EC-A Early Childhood through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2
Prescribed special methods course(s) (see approved majors and minors below)		
Student Teaching Courses from list below:		14
ES 441	Student Teaching in Elementary Education	7
AND		
ES 445	Student Teaching in Middle Level Education	7
or ES 470 Student Teaching in Secondary Education		
or		
ES 440	Internship Teaching in Elementary Education	7-14
or		
ES 446	Internship Teaching in Middle Level Education	7-14
or		
ES 475	Internship Teaching in Secondary Education	7-14

NOTE 1: SPED 300 (not required of Kinesiology or Music majors).

NOTE 2: ES 441 is not required for Foreign Language majors and minors in the student teaching semester as an earlier elementary level field placement (required by DPI) occurs in ES 437.

NOTE 3: Music Education majors take MUED 318 instead of ES 318 and MUED 487 or MUED 488 instead of ES 441 and one of ES 445 or ES 470, or ES 440, or ES 446, or ES 475.

Approved Majors and Minors for Option C

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II or ACTFL Content Test Required
Art	020-072	ART 304 (Sp), ES 350 (F), ES 354 (Sp)		ETS 0134
Latin American Studies	340-003	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II ACTFL Content Test Required
Music, Instrumental/General	060-057	MUED 211, MUED 300, MUED 310, MUED 318, MUED 411, MUED 421		ETS 0113
Music, Choral/General	060-058	MUED 211, MUED 300, MUED 310, MUED 318, MUED 410, MUED 420		ETS 0113
Kinesiology	991-065	KINS 290		ETS 0091
French	260-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
German	280-204	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Spanish	320-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Theatre Arts	601-204	ES 361 (F)		ETS 0641
Minors	Code	Prescribed Methods Course	Additional Requirement	Praxis II ACTFL Content Test Required
Adaptive Physical Education	991-459		Only with KINS major	No addtl exam
French	260-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
German	280-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
Spanish	320-407	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
TESOL	550-410	ES 405 (F)	Only with F Lg major	ETS 0361

NOTE: Students completing an EC-A comprehensive major or standard major may complete an additional major or minor with licensure at the EA-A level from the list under Option B above.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Thirty-six semester credits:

THEA/ES 361	Teaching Theatre Arts	2
THEA 121	Introduction to Technical Theatre	3
THEA 125	Introduction to Theatre History	3
THEA 130	Beginning Acting	3
THEA 151	Costume Shop Practicum	1
THEA 152	Scenic Shop Practicum	1
THEA 153	Light/Sound Shop Practicum	1
THEA 221	Introduction to Design	3
THEA 271	Stage Management	3
THEA 332	Directing	3
THEA 335	Drama in Education	3
THEA 425	Modern Drama and Theatre	3
THEA 123	Voice and Diction	3
or THEA 239	Stage Movement	1

One credit from:

THEA 170	Acting-Minor Roles/Chorus	1
THEA 171	Assistant Stage Manager	
THEA 172	Scenic Construction Crew	
THEA 173	Light/Sound Board Operator	
THEA 174	Costume Crew	
THEA 175	Stage/Properties Crew	
THEA 176	Makeup Crew	
THEA 177	Publicity Crew	
THEA 178	Electrics Crew	
THEA 179	Special Effects/Sound Facilitator	
THEA 370	Acting-Major Roles	
THEA 371	Stage Manager/Assistant Director/ Assistant Choreographer	
THEA 372	Assistant Scenic Design/Assistant Technical Direction	
THEA 373	Assistant Lighting Design	
THEA 374	Assistant Costume Design/Shop Supervisor	
THEA 375	Properties Design	
THEA 376	Makeup Design	
THEA 377	Publicity/Program Design	
THEA 378	Master Electrician	
THEA 379	House Manager	
THEA 336	Theatre for Youth	3
or THEA 421	Touring Theatre	

Required courses, not counted toward credits in major:

One music course from:

MUSI 100	Performing Arts On Stage
MUSI 102	Fundamentals of Music
MUSI 110	Music Appreciation
MUSI 340	Music and Related Arts in PK-8 Education
ENGL 181	Making Sense of the Movies
ART 105	Introduction to the Visual Arts
or ART 106	Introduction to the Visual Arts (Studio)

One dance course from:

DNCE 101	Dance Appreciation
DNCE 112	Modern Dance I
DNCE 114	Jazz Dance I

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option C and leads to licensure to teach Theatre in Early Childhood through Adolescence classrooms.

Theatre Arts, Minor - Liberal Arts

Liberal Arts (Code 601-422)

Twenty-four semester credits, including:

Core requirement, twenty-one credits		
THEA 121	Introduction to Technical Theatre	3
THEA 125	Introduction to Theatre History	3
THEA 130	Beginning Acting	3
THEA 151	Costume Shop Practicum	1
THEA 152	Scenic Shop Practicum	1
THEA 153	Light/Sound Shop Practicum	1
THEA 221	Introduction to Design	3
THEA 332	Directing	3
THEA 425	Modern Drama and Theatre	3
any three credit THEA course numbered 200 or above		3
Total Credits		24

Theatre Arts, Minor - Teaching - EA-A

Early Adolescence/Adolescence Teaching (Code 601-424)

Twenty-four semester credits:

THEA/ES 361	Teaching Theatre Arts	2
THEA 121	Introduction to Technical Theatre	3
THEA 125	Introduction to Theatre History	3
THEA 130	Beginning Acting	3
THEA 151	Costume Shop Practicum	1
THEA 152	Scenic Shop Practicum	1
THEA 153	Light/Sound Shop Practicum	1
THEA 271	Stage Management	3
THEA 332	Directing	3
THEA 335	Drama in Education	3
Practicum minimum one credit		
THEA 170/370	Acting-Minor Roles/Chorus	
THEA 171/371	Assistant Stage Manager	
THEA 172/372	Scenic Construction Crew	
THEA 173/373	Light/Sound Board Operator	
THEA 174/374	Costume Crew	

THEA 175/375	Stage/Properties Crew
THEA 176/376	Makeup Crew
THEA 177/377	Publicity Crew
THEA 178/378	Electrics Crew
THEA 179/379	Special Effects/Sound Facilitator

Total Credits **24**

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Theatre in Early Adolescence through Adolescence classrooms.

Additional credits not counted toward credits in the minor.

Required courses, not counted toward credits in minor:

One music course from:	2-3	
MUSI 100	Performing Arts On Stage	
MUSI 102	Fundamentals of Music	
MUSI 110	Music Appreciation	
MUSI 340	Music and Related Arts in PK-8 Education	
ENGL 181	Making Sense of the Movies	3-4
ART 105	Introduction to the Visual Arts	3
or ART 106	Introduction to the Visual Arts (Studio)	
One dance course from:	1-3	
DNCE 101	Dance Appreciation	
DNCE 112	Modern Dance I	
DNCE 114	Jazz Dance I	

Theatre Arts, Minor - Teaching - MC-EA

Middle Childhood/Early Adolescence Teaching (Code 601-425)

Twenty-four semester credits:

THEA/ES 361	Teaching Theatre Arts	2
THEA 121	Introduction to Technical Theatre	3
THEA 125	Introduction to Theatre History	3
THEA 130	Beginning Acting	3
THEA 151	Costume Shop Practicum	1
THEA 152	Scenic Shop Practicum	1
THEA 153	Light/Sound Shop Practicum	1
THEA 332	Directing	3
THEA 335	Drama in Education	3
Practicum minimum one credit:		1
THEA 170/370	Acting-Minor Roles/Chorus	
THEA 171/371	Assistant Stage Manager	
THEA 172/372	Scenic Construction Crew	
THEA 173/373	Light/Sound Board Operator	

THEA 174/374	Costume Crew
THEA 175/375	Stage/Properties Crew
THEA 176/376	Makeup Crew
THEA 177/377	Publicity Crew
THEA 178/378	Electrics Crew
THEA 179/379	Special Effects/Sound Facilitator

Required:		
THEA 336	Theatre for Youth	3
or THEA 421	Touring Theatre	

Total Credits **24**

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A and leads to licensure to teach Theatre in Middle Childhood through Early Adolescence classrooms.

Additional courses not counted towards credits in the minor.

Required courses, not counted toward credits in minor:

One music course from:	2-3	
MUSI 100	Performing Arts On Stage	
MUSI 102	Fundamentals of Music	
MUSI 110	Music Appreciation	
MUSI 340	Music and Related Arts in PK-8 Education	
ENGL 181	Making Sense of the Movies	3-4
ART 105	Introduction to the Visual Arts	3
or ART 106	Introduction to the Visual Arts (Studio)	
One dance course from:	1-3	
DNCE 101	Dance Appreciation	
DNCE 112	Modern Dance I	
DNCE 114	Jazz Dance I	

Philosophy and Religious Studies

Hibbard Humanities Hall 632

715-836-2545

www.uwec.edu/philrel (<http://www.uwec.edu/philrel>)

Philosophy is the disciplined and critical inquiry into fundamental questions of human existence: What is the nature of reality? What is knowledge? Does God exist? Is my will free? What is the difference between right and wrong? What is the relation between the mind and the body? What is the meaning of life?, etc. Philosophers use reason and argument in the attempt to answer these questions. Philosophy is at the very heart of a liberal education. Students of philosophy learn to think critically and clearly, argue forcefully, and read carefully. They also learn how the history of philosophy has shaped modern thought and culture. A major in philosophy is excellent preparation for advanced study in a wide range of fields, including law. A minor in philosophy will enrich and complement any major field of study.

Religious Studies is the multi-disciplinary exploration of the phenomena of human experience commonly called "religious." This includes study of the genesis and interpretation of religious texts; the formation, history, beliefs, and practices of religious communities and traditions; the role of religion in society and culture; issues in religion and science, including the psychology of religious experience; religion in literature and the arts; religious morality; philosophy of religion. The academic study of religion provides an excellent "window" into other cultures, while enhancing students' understanding of their own society and its history. A degree in Religious Studies provides an excellent foundation for a wide range of careers as well as preparing students for demanding graduate programs.

Student Organizations

Theta Alpha Kappa (Honor Society in Religious Studies)

Philosophy Club

Honors Program in Philosophy and Religious Studies

The Honors Program in Philosophy and Religious studies enables outstanding students to engage in challenging Honors coursework and creative Honors research experiences.

Eligibility: Admission is by departmental invitation to students who have demonstrated excellent intellectual potential. To be considered, students must have a minimum 3.5 GPA in the major and in all university coursework.

Requirements:

1) Complete an Honors Capstone Thesis as the outcome of the departmental seminar — either Phil 485 (Seminar in Problems in Philosophy) or Rels 490 (Seminar in Religious Studies) — or an appropriately crafted Independent Study project.

2) Present the thesis research at or in a suitable local, regional, or national venue.

Faculty

Charlene Burns, Chair

Steven Fink

Robert Greene

Yaakov Levi

Sean McAleer

Matthew Meyer

Kristin Schaupp

Martin Webb

Majors

- Major: Philosophy, Liberal Arts - B.A./B.S. (p. 381)
- Major: Religious Studies, Liberal Arts - B.A./B.S. (p. 382)

Minors

- Minor: Philosophy, Liberal Arts (p. 382)
- Minor: Religious Studies, Liberal Arts (p. 384)

Certificates

- Certificate: Ethics (p. 380)
- Certificate: World Religions (p. 385)

Ethics Certificate

(Code 400-601)

The Ethics Certificate is for students in a variety of majors and minors, especially pre-professional programs with existing ethics requirements, and students interested in graduate study and careers in health care ethics, legal ethics, business and corporate ethics and compliance. The Ethics Certificate is a natural complement to the Leadership Certificate currently offered through the College of Business's Department of Management and Marketing. Note: Students cannot pursue the Philosophy Major and Ethics Certificate to meet graduation requirements for completing a first and second degree program.

Students are required to complete a minimum of 12 credits.

Required Courses		
PHIL 120	Ethical Reasoning	3
PHIL 331	Philosophical Ethics	3
The remaining six credits are from ethics-relevant electives:		6
PHIL 301	Ethics in the Professions and the Community	
PHIL 305	Ethics and Business	
PHIL 306	Ethics of Health Care	
PHIL 308	Ethics in Computing and Engineering	
PHIL 320	Environmental Ethics	
PHIL 333	History of Ethics	
RELS 210	Religion and Morality	
With adviser approval, the following may be applied to the certificate program:		
PHIL 395	Directed Studies	
PHIL 399	Independent Study - Juniors	
PHIL 499	Independent Study - Seniors	

Total Credits

12

Note 1: Up to three credits from ethics courses from the student's major or minor field of study (e.g., CJ 413, PSYC 357, ACCT 425) may be applied with adviser approval.

Note 2: Students must earn at least 48 unique credits between the certificate program and major for purposes of meeting graduation requirements for first and second degree programs.

For advising, see Professor S. McAleer (Philosophy and Religious Studies).

Philosophy, Major

Liberal Arts (Code 400-200)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
	Obtain admission to the degree program and/or the College offering it.	
	Apply for graduation on CampS.	

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal	
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal	
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal	
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal	
Service-Learning (p. 49)	30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is

required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Thirty-six semester credits, including:

Eighteen credits from core courses:	18
PHIL 235 Ancient Philosophy	
PHIL 250 Symbolic Logic	
PHIL 316 Metaphysics	
or PHIL 317 Epistemology	
PHIL 331 Philosophical Ethics	
PHIL 335 Early Modern Philosophy	
PHIL 485 Seminar in Problems of Philosophy	
Eighteen credits from philosophy courses ^{1, 2, 3}	18

- PHIL 101 and PHIL 120 are disallowed for major credit if taken after the student has earned nine credits in philosophy.
- No more than three credits of PHIL 397 and PHIL 498 are allowed toward the major.
- Upon approval of the department up to six credits from courses other than philosophy may be applied to the major.

Capstone: All philosophy majors shall complete a reflection paper, usually during the senior year, in which the student analyzes and reflects on his or her learning experiences as a philosophy major in light of the philosophy major's learning goals and outcomes.

Philosophy, Minor

Liberal Arts (Code 400-400)

Twenty-four semester credits, including:

At least three credits from each of the following three categories, for a total of nine credits: 9

Logic:

PHIL 150 Logic and Critical Thinking

PHIL 250 Symbolic Logic

History of Philosophy:

PHIL 235 Ancient Philosophy

PHIL 335 Early Modern Philosophy

PHIL 338 Modern European Philosophy I

PHIL 339 Modern European Philosophy II

PHIL 340 Knowledge and Reality

Core Areas:

PHIL 316 Metaphysics

PHIL 317 Epistemology

PHIL 331 Philosophical Ethics

Required:

The remaining fifteen credits will be selected from philosophy courses ^{1, 2, 3} 15

- PHIL 101 and PHIL 120 are disallowed for minor credit if taken after the student has earned nine credits in philosophy.
- No more than three credits of PHIL 397 and PHIL 498 are allowed toward the minor.
- Upon approval of the department up to six credits from courses other than philosophy may be applied to the minor.

Religious Studies, Major

Liberal Arts (Code 411-201)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average

University Residency Requirements (p. 50)³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on Camp5.

- Certain programs exceed this minimum.
- See special requirements in each College.
- See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
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Service-Learning Goal

Service-Learning (p. 49)	30 hours
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College Degree Requirements
Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Thirty-six semester credits, including:

Three credits from core courses (to be taken by all majors before the completion of six credits of Religious Studies coursework):

RELS 100	Introduction to the Religions of the World	3
RELS 110	Basic Issues in Religion	
RELS 210	Religion and Morality	

Capstone

All Religious Studies majors must complete the following capstone requirements.

Three credits to be taken in junior or senior year of the following:¹

RELS 470	The Problem of Evil	3
RELS 490	Seminar in Religious Studies	
RELS 491	Special Topics	
RELS 499	Independent Study - Seniors	

Monotheistic Religions:

A minimum of nine credits from:

RELS 303	Early Christianity	9
RELS 304	Modern Christianity	
RELS 307	Judaism	
RELS 309	Islam	

Asian Religions:

A minimum of nine credits from the following:

RELS 312	Buddhism: Past and Present	9
RELS 323	Chinese and Japanese Religions	
RELS 314	Hinduism	
RELS 326	Asian Religious Philosophies	

Methodological Approaches:

A minimum of three credits from the following:

RELS 230	Old Testament/Hebrew Bible	3
RELS 240	New Testament	
RELS 315	Psychology of Religion	
RELS/PHIL 345	Philosophy of Religion	
ANTH 463	Religion and Culture	

The remaining coursework may be taken from the three previous categories and any of the courses listed below:

Topical and Historical Approaches:

RELS/ WMNS 203	Women and World Religions
RELS 210	Religion and Morality
RELS 290	Sacred Earth: Religion and Nature
RELS/AIS 330	Indigenous Religions of the Americas
RELS 334	Music in Judaism, Christianity and Islam
RELS 342	African American Religion
RELS 348	Religious Themes in Literature
RELS 378	The Holocaust, 1933-1945
RELS 390	Religion in America
RELS 470	The Problem of Evil
RELS 490	Seminar in Religious Studies

Other:

RELS 291	Special Topics
RELS 395	Directed Studies ²
RELS 396	Research Apprenticeship in Religious Studies ²
RELS 397	Student Academic Apprenticeship in Religious Studies ²
RELS 399	Independent Study - Juniors ²
RELS 491	Special Topics
RELS 498	Internship in Religious Studies ²
RELS 499	Independent Study - Seniors ²

¹ Plus completion of the capstone essay for that course. The essay must be approved for capstone credit by the faculty teaching the course. Other upper-level courses also may be considered (prior approval by faculty required). Students must submit a major research paper produced for the course in order to fulfill the capstone requirement.

² A maximum of three credits may be counted toward the major from any combination of RELS 395, RELS 399, RELS 498, and RELS 499, and a maximum of three credits may be counted toward the major from the combination of RELS 396 and RELS 397.

Religious Studies, Minor

Liberal Arts (Code 411-401)

Twenty-four semester credits, including:

Three credits from core courses (to be taken by all minors before the completion of six credits of Religious Studies coursework):

RELS 100	Introduction to the Religions of the World	3
RELS 110	Basic Issues in Religion	
RELS 210	Religion and Morality	

Seminar course

Three credits taken in junior or senior year from the following:

RELS 470	The Problem of Evil	3
RELS 490	Seminar in Religious Studies	
RELS 491	Special Topics	
RELS 499	Independent Study - Seniors	

Monotheistic Religions:

A minimum of six credits from:

6

RELS 303	Early Christianity	
RELS 304	Modern Christianity	
RELS 307	Judaism	
RELS 309	Islam	
Asian Religions:		
A minimum of six credits from:		6
RELS 312	Buddhism: Past and Present	
RELS 323	Chinese and Japanese Religions	
RELS 314	Hinduism	
RELS 326	Asian Religious Philosophies	
The remaining coursework may be taken from the two previous categories and any of the courses listed below:		
Methodological Approaches:		
A minimum of three credits from:		3
RELS 230	Old Testament/Hebrew Bible	
RELS 240	New Testament	
RELS 315	Psychology of Religion	
RELS/PHIL 345	Philosophy of Religion	
ANTH 463	Religion and Culture	
Topical and Historical Approaches:		
RELS/WMNS 203	Women and World Religions	
RELS 210	Religion and Morality	
RELS 290	Sacred Earth: Religion and Nature	
RELS/AIS 330	Indigenous Religions of the Americas	
RELS 334	Music in Judaism, Christianity and Islam	
RELS 342	African American Religion	
RELS 348	Religious Themes in Literature	
RELS 378	The Holocaust, 1933-1945	
RELS 390	Religion in America	
RELS 470	The Problem of Evil	
RELS 490	Seminar in Religious Studies	
Other:		
RELS 291	Special Topics	
RELS 395	Directed Studies ¹	
RELS 396	Research Apprenticeship in Religious Studies ¹	
RELS 397	Student Academic Apprenticeship in Religious Studies ¹	
RELS 399	Independent Study - Juniors ¹	
RELS 491	Special Topics	
RELS 498	Internship in Religious Studies ¹	
RELS 499	Independent Study - Seniors ¹	

¹ A maximum of three credits may be counted toward the minor from any combination of RELS 395, RELS 399, RELS 498, and RELS 499, and a maximum of three credits may be counted toward the minor from the combination of RELS 396 and RELS 397.

World Religions, Certificate

(Code 411-601)

The World Religions Certificate is intended for undergraduates outside of the Religious Studies major/minor who desire to enhance their marketability as potential graduate students and employees, whether their career goal is education, business, health care, psychology, music and the arts, the sciences, or the humanities. The World Religions certificate program offers students a foundational understanding of the beliefs, practices, and cultural impact of the world's major religious traditions that will enable them to negotiate the complex challenges of life in an increasingly interconnected and globalized world. The impact of religions on world events is undeniable, and students pursuing any disciplinary major can benefit greatly from the learning opportunities offered by this certificate program.

Students are required to complete a minimum of 15 credits, including:

Three credits from:		3
RELS 100	Introduction to the Religions of the World	
RELS 110	Basic Issues in Religion	
RELS 210	Religion and Morality	
Six credits from Non-Western Concentration courses:		6
RELS 312	Buddhism: Past and Present	
RELS 314	Hinduism	
RELS 323	Chinese and Japanese Religions	
RELS/AIS 330	Indigenous Religions of the Americas	
Six credits from Western Concentration courses:		6
RELS 303	Early Christianity	
RELS 304	Modern Christianity	
RELS 307	Judaism	
RELS 309	Islam	

Total Credits **15**

For advising, see Professor Steven Fink (Philosophy and Religious Studies).

Physics and Astronomy

Phillips 230

715-836-3148

www.uwec.edu/physics (<http://www.uwec.edu/physics>)

Physics, the science of matter and energy, is the study of the deepest mysteries of our universe, ranging from subatomic particles to cosmology. Exploring ideas of space, time, matter, energy, and radiation, it serves as the basis for the physical sciences. Modern society is influenced by physics in countless ways, including recent developments in such fields as laser optics, miniaturized electronics, nuclear energy, and medical instrumentation.

Beyond the earth, astronomy applies the ideas of physics to the study of planets, stars, galaxies and all celestial phenomena within reach of our telescopes. Since the two areas share a vast array of common ideas and knowledge, new discoveries in physics often aid progress in astronomy and vice versa.

Special learning opportunities associated with the department include the Materials Science Center (www.uwec.edu/matsci (<http://www.uwec.edu/matsci>)), the L.E. Phillips Planetarium (www.uwec.edu/planetarium) (<http://www.uwec.edu/planetarium>)), and Hobbs Observatory at the Beaver Creek Reserve (www.beavercreekreserve.org) (<http://www.beavercreekreserve.org>)).

Departmental Honors in Physics

Departmental Honors is a way for a student to experience the thrill of innovative research and discovery in an area of interest within Physics and Astronomy. One of the most significant benefits of Departmental Honors is that it fosters one-on-one interaction between students and professors, which substantially enhances a student's educational experience and serves as a springboard for excellence in graduate studies or professional employment after graduation.

Eligibility: Complete PHYS 332 and maintain both a resident GPA and a major GPA of at least 3.50.

Procedure: A written application for Departmental Honors in Physics and Astronomy must be approved by the student's academic adviser, the student's project adviser, and the chair of the Physics and Astronomy Department.

Requirements:

- Complete the required courses for one of the three emphases for the Liberal Arts major in Physics.
- Complete two courses selected from among

PHYS 367	Astrophysics	3
PHYS 375	Electromagnetic Fields	4
PHYS 430	Advanced Laboratory Techniques	2
PHYS 445	Thermal Physics	4
PHYS 465	Quantum Mechanics	3
PHYS 475	Mathematical Methods in Physics	3
- Complete a significant scholarly activity and disseminate the results of the activity by completing a written research paper and presenting at an appropriate on-campus or off-campus venue (Physics Thursday, CERCA, Provost's Honors Symposium, etc.) or making a presentation at a professional meeting or publishing an article in a professional journal. The quality of the activity and dissemination will be evaluated by a three-member faculty panel. Upon approval by the panel, the student will receive the designation of Departmental Honors in Physics and Astronomy on his/

her official transcript and a special notation in the graduation ceremony program.

Faculty

Lyle Ford, Chair

Douglas Dunham
 Matthew Evans
 J. Erik Hendrickson
 Lauren Likkell
 Nathan Miller
 Kim Pierson
 James Rybicki
 George Stecher
 Paul Thomas
 Scott Whitfield

Majors

- Major: Physics, Liberal Arts - B.A./B.S. (p. 390)
- Major: Physics, Applied Physics Emphasis, Liberal Arts - B.A./B.S. (p. 387)
- Major: Physics, Dual Degree Engineering Emphasis, Liberal Arts - B.A./B.S. (p. 389)
- Major: Physics, Teaching - B.S. (p. 392)
- Major: Physical Science, Teaching - B.S. (Interdisciplinary Major) (<http://catalog.uwec.edu/undergraduate/arts-sciences/physics-astronomy/%20undergraduate/arts-sciences/interdisciplinary/physical-science-comprehensive-major-t-bs>)
- Major: Physics-Mathematics, Teaching - B.S. (Interdisciplinary Major) (p. 82)

Minors

- Minor: Physics, Liberal Arts (p. 396)
- Minor: Physics, Teaching (p. 396)

Certificates

- Certificate: LabVIEW (p. 386)

LABVIEW, Certificate

(Code 230-601)

The **LabVIEW Certificate Program** provides UW-Eau Claire students and engineers in local and regional industry with an in-depth understanding of the computer interfacing and data acquisition software package called LabVIEW. LabVIEW has become an industry standard in this technical area. LabVIEW provides an extensive environment in which a scientist or engineer can accomplish a variety of instrument control, data collection and data processing tasks. The UW-Eau Claire LabVIEW Certificate program has also been designed to provide students with the skills and experiences required to pass the first two levels of professional LabVIEW programming certification offered by National Instruments, which is required for many industry positions that involve LabVIEW programming.

To be admitted to the program, UW-Eau Claire students must have completed PHYS 232 with a grade of C or better and be currently enrolled in PHYS 350. Special students must have completed at least 8 credits of electrical engineering coursework equivalent to that in PHYS 350 and PHYS 360.

Thirteen credits are required for certificate program completion and are drawn from the following course work:

PHYS 350	Electric and Electronic Circuits	4
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PHYS 360	Electronics	4
PHYS 361/561	LabVIEW Basics	2
PHYS 362/562	LabVIEW Applications	2
PHYS 363/563	LabVIEW cRIO	1
Total Credits		13

The academic goals of the LabVIEW Certificate Program are:

1. to provide students with a working knowledge of electronics which they will get from PHYS 350 and PHYS 360;
2. an understanding of the basics of computer interfacing principles which they get from PHYS 360 and the three LabVIEW courses;
3. an in-depth knowledge of the LabVIEW programming environment which they get from the three LabVIEW courses;
4. an introduction to Field Programmable Gate Arrays (a revolutionary new technology) which they get from the last LabVIEW cRIO course.

Note: Students cannot pursue the Physics Major and LabVIEW Certificate to meet graduation requirements for completing a first and second degree program.

For advising, see Professor K. Pierson (Physics and Astronomy).

Physics, Applied Physics Emphasis, Major

Liberal Arts (Code 230-203)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
	Obtain admission to the degree program and/or the College offering it.	
	Apply for graduation on CampS.	

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
	Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal		
	Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
	One S1 must meet the University Writing Requirement (p. 49)	
	Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
	One S2 to meet the University Mathematics Requirement (p. 49)	
	Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal		
	Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
	One R1 must satisfy Design for Diversity (p. 49)	
	Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
	Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal		
	Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal		
	Service-Learning (p. 49)	30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

This emphasis focuses on physics applications of relevance to industrial and engineering employment environments following completion of the baccalaureate degree.

The Applied Physics Emphasis requires 36 credits of physics coursework including:

PHYS/MSE 120	Introduction to Engineering	0.5-2
or PHYS 186	Introductory Seminar	
PHYS 231	University Physics I	5
PHYS 232	University Physics II	5
PHYS 332	University Physics III	3
PHYS 340	Optics	4
PHYS 350	Electric and Electronic Circuits	4
PHYS 360	Electronics	4

Select one of the following:

PHYS 255	Statics	
& PHYS 356	and Dynamics	
PHYS 365	Theoretical Mechanics	
PHYS 375	Electromagnetic Fields	
PHYS 430	Advanced Laboratory Techniques	2
PHYS 486	Senior Seminar	0.5

The remaining Physics credits are to be selected from any physics course above 325 (including PHYS 374/MSE 374) and MSE 315, MSE 357, MSE 372, and MSE 451.

Required courses not counted toward credits in major:

MATH 312	Differential Equations and Linear Algebra
MATH 345	Introduction to Probability and Mathematical Statistics
CS 163	Introduction to Programming in C++ ¹
or CS 170	Computing for the Sciences and Mathematics

Select one of the following:

CHEM 115	Chemical Principles
OR	
CHEM 103	General Chemistry I & CHEM 104 and General Chemistry II

¹ It is strongly recommended that CS 163 or CS 170 be completed within the first three semesters.

NOTE 1: An approved research project must be completed prior to PHYS 486 (see PHYS 486 course description for details)

NOTE 2: A maximum of six credits of any combination of PHYS 392, PHYS 399, PHYS 491, and PHYS 499 can be counted toward the major.

Physics, Dual Degree Engineering Emphasis, Major

Liberal Arts (Code 230-206)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
a minimum of 36 credits		
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>)

Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>)

One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>)

Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>)

One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>)

One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>)

Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>)

One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>)

One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

This emphasis combines the benefits of a traditional physics degree with those of a formal engineering education. In this program students receive a UW-Eau Claire physics degree in conjunction with a bachelor's degree in engineering from either UW-Madison or the University of Minnesota-Twin Cities.

The Dual Degree Engineering Emphasis requires 36 credits of physics coursework including:

PHYS/MSE 120	Introduction to Engineering	2
PHYS 231	University Physics I	5
PHYS 232	University Physics II	5
PHYS 332	University Physics III	3
PHYS 340	Optics	4
PHYS 350	Electric and Electronic Circuits	4

Select one of the following:

PHYS 365	Theoretical Mechanics
OR	
PHYS 255	Statics
& PHYS 356	and Dynamics (option depends on engineering program)

The remaining Physics credits are to be selected from any physics course above 325 (including PHYS 374/MSE 374) and MSE 315, MSE 357, MSE 372, and MSE 451.

Required courses not counted toward credits in major:

MATH 312 Differential Equations and Linear Algebra

Select one computer science course from the following:

CS 163 Introduction to Programming in C++

CS 170 Computing for the Sciences and Mathematics

or adviser-approved course appropriate for the engineering program

Complete an engineering degree ¹

¹ To receive the UW-Eau Claire Dual Degree Engineering Emphasis physics degree, the student must complete an engineering degree from one of the above schools. Students will typically complete most of the UW-Eau Claire Liberal Education Core and Dual Degree physics requirements while at UW-Eau Claire before transferring to the engineering school. Students must complete 84 semester credits before transferring to the engineering school, 56 of which must be taken in residency at UW-Eau Claire, with a minimum of 12 upper-division credits of physics and a minimum of six credits of mathematics taken at UW-Eau Claire.

NOTE 1: The UW-Eau Claire physics degree will not be awarded until an official copy of the student's engineering degree has been sent to UW-Eau Claire's Registrar's Office. If the engineering degree is not completed, then students must satisfy all of the requirements for another degree program at UW-Eau Claire.

NOTE 2: A maximum of six credits of any combination of PHYS 392, PHYS 399, PHYS 491, and PHYS 499 can be counted toward the major.

Physics, Liberal Arts Emphasis, Major

Liberal Arts (Code 230-201)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements**Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)**

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the

MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

The Liberal Arts emphasis is the traditional physics major, providing preparation for graduate school as well as a broad range of careers in business and industry following completion of the baccalaureate degree.

The Liberal Arts Emphasis requires 36 credits of physics coursework including:

PHYS 186	Introductory Seminar	0.5
PHYS 231	University Physics I	5
PHYS 232	University Physics II	5
PHYS 332	University Physics III	3
PHYS 333	Quantum Physics	3
PHYS 350	Electric and Electronic Circuits	4
PHYS 340	Optics	4
or PHYS 360	Electronics	
PHYS 365	Theoretical Mechanics	4
PHYS 486	Senior Seminar	0.5

The remaining Physics credits are to be selected from any physics course above 325 (including PHYS 374/MSE 374) and MSE 315, MSE 357, MSE 372, and MSE 451.

Required courses not counted toward credits in major:

MATH 312	Differential Equations and Linear Algebra
CS 163	Introduction to Programming in C++ ¹
or CS 170	Computing for the Sciences and Mathematics

¹ It is strongly recommended that CS 163 or CS 170 be completed within the first three semesters.

Chemistry (CHEM 115 or CHEM 103 and CHEM 104) is strongly recommended.

NOTE 1: An approved research project must be completed prior to PHYS 486 (see PHYS 486 course description for details).

NOTE 2: A maximum of six credits of any combination of PHYS 392, PHYS 399, PHYS 491, and PHYS 499 can be counted toward the major.

Physics, Major - Teaching

Teaching (Code 230-205)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49)²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average

Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50)³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>)

Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>)

Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>)

Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>)

One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>)

Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>)

One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>)

One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>)

Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>)

One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>)

One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		

PSYC 260 Educational Psychology 3

AND another learning experience

K3 (Humanities)

One literature course AND another learning experience

K4 (Fine Arts)

One fine arts course

S1 (Written and Oral Communication)

At least one writing course from the following:

WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing
WRIT 116	Blugold Seminar in Critical Reading and Writing
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students

AND at least one oral communication course from the following:

CJ 201	Introduction to Interpersonal Communication
CJ 202	Fundamentals of Speech
CJ 203	Fundamentals of Human Communication

S2 (Mathematics)

LE approved math course

S3 (Creativity)

ES 497 Field Experience Seminar (included in major) 2

R1 (Equity, Diversity, Inclusivity)

ES 385 Social Foundations: Human Relations (included in major) 3

AND another learning experience

R2 (Global Perspectives)

One LE approved course

R3 (Civic and Environmental Issues)

One LE approved course

IL (Integration)

ES 497 Field Experience Seminar (included in major) 2

AND another learning experience

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EA-A Licensure

Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved

majors and minors listed in the table below. The approved majors and minors lead to additional certification.

- a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option B: EA-A

Early Adolescence through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
Prescribed special methods course(s) (see approved majors and minors below)		
ES 445 & ES 470	Student Teaching in Middle Level Education and Student Teaching in Secondary Education	14
or ES 446 or ES 475	Internship Teaching in Middle Level Education or Internship Teaching in Secondary Education	
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2

NOTE: Although majors must be from the approved list below, the second plan may be from the approved list. Students pursuing EA-A licensure are not required to elect a second plan that leads to a teaching license.

Approved Majors and Minors for Option B

Comprehensive Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II Content Test Required
English	540-006	ENGL 319, ENGL 419		ETS 5038
Earth and Space Science	160-015 ¹	ES 359 (F)		ETS 5435
Mathematics	180-002	ES 357		ETS 5061
Physical Science ¹	240-004	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Physics-Mathematics ¹				ETS 5161 and ETS 5435 (regardless of emphasis)
Physics Emphasis	210-003	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Mathematics Emphasis	210-004	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	

Social Studies	500-XXX	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
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Majors	Code	Prescribed Methods Course	Additional Requirements	Praxis II Content Test Required
Biology ¹	080-205	ES 367 (Sp)	BIOL 180 or GEOG 178	ETS 5435
Chemistry ¹	100-204	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Economics	360-204	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
English	540-210	ENGL 319, ENGL 419		ETS 5038
Geography	140-213	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
History	380-206	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Mathematics	180-207	ES 357		ETS 5161
Physics ¹	230-205	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-203	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
Biology	080-403	ES 367 (SP)	BIOL 180 or GEOG 178	ETS 5435
Chemistry	100-406	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Coaching	971-403	KINS 492		no addt'l exam
Economics	360-404	ES 356	BIOL 180 or GEOG 178	ETS 5081
English	540-408	ENGL 319, ENGL 419		ETS 5038
French	260-404	ES 366 (F) in language	Study abroad	WPT and OPI or OPIc
Geography	140-413	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Geology	160-402	ES 359 (F)		
German	280-404	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
History	380-404	ES 356 (SP)	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Learning Disabilities	950-471			ETS 5146
Library Science	960-403		EC-A licensure	no addt'l exam for this minor
Mathematics	180-407	ES 357		ETS 5161

Physics	230-403	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-403	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Sociology	480-404	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Spanish	320-405	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
Teaching English to Speakers of Other Languages (TESOL)	550-408	ES 405 (F)	1 yr college level foreign language	ETS 0361
Theatre Arts	601-424	ES 361 (F)		ETS 0641

¹ Broadfield Science add-on certification is available with these majors and requires ES 359 (fall only) and ES 367 (spring only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Thirty-six semester credits of Physics, including:

PHYS 231	University Physics I	5
PHYS 232	University Physics II	5
PHYS 332	University Physics III	3
PHYS 340	Optics	4
PHYS 350	Electric and Electronic Circuits	4
At least 15 credits selected from:		15
PHYS 226	Astronomy-Solar System	
PHYS 229	Astronomy-Stars and Galaxies	
or any physics course numbered above 325		

Required courses not counted towards credit in major:

CHEM 103	General Chemistry I
CHEM 104	General Chemistry II
MATH 114	Calculus I
MATH 215	Calculus II
MATH 216	Calculus III

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Physics in Early Adolescence through Adolescence classrooms. It is often combined with a mathematics or chemistry teaching minor.

Broadfield Science Licensure

Completion of the following requirements and ES 367 may be used in lieu of a minor and adds Broadfield Science licensure to the teaching major:

A. At least 14 credits from one of the following areas:

Area 1:

BIOL 151	Biology of Humans
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BIOL 214	Human Anatomy and Physiology I
BIOL 221	Foundations of Biology I
BIOL 222	Foundations of Biology II
BIOL 223	Foundations of Biological Inquiry
BIOL 314	Human Anatomy and Physiology II

Area 2:

CHEM 103	General Chemistry I
& CHEM 104	and General Chemistry II
or CHEM 115	Chemical Principles

additional courses selected from the following:

CHEM 213	Quantitative Analysis
CHEM 218	Introduction to Inorganic Chemistry
CHEM 325	Organic Chemistry I with Laboratory

Area 3:

Select one of following:

GEOL 106	Earth Science
GEOL 110	Physical Geology
GEOL 115	Environmental Geology
GEOL 118	Societal Issues in Earth Science

Select one of the following:

GEOG 104	The Physical Environment
GEOG 340	Climatology
GEOG 361	Environmental Hazards

Required:

PHYS 226	Astronomy-Solar System
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Additional courses from the following:

GEOL 102	Oceanography
GEOL 301	Earth Resources
GEOL 303	Rocky Mountain Field Studies
GEOL 308	Water Resources
PHYS 229	Astronomy-Stars and Galaxies
GEOG 200	Foundations of Geography
GEOG 304	Introduction to Geomorphology
GEOG 340	Climatology
GEOG 361	Environmental Hazards

B. Eight credits in each of the two areas not selected in A above:

Area 1:

BIOL 151	Biology of Humans
BIOL 214	Human Anatomy and Physiology I
BIOL 221	Foundations of Biology I

Area 2:

CHEM 103	General Chemistry I
or CHEM 115	Chemical Principles
CHEM 104	General Chemistry II
or CHEM 150	Survey of Biochemistry

Area 3:

Select one of the following:

GEOL 106	Earth Science
GEOL 110	Physical Geology

GEOL 115	Environmental Geology
GEOL 118	Societal Issues in Earth Science
GEOG 104	The Physical Environment

Required:

PHYS 226	Astronomy-Solar System
or PHYS 229	Astronomy-Stars and Galaxies

NOTE 1: A maximum of six credits of any combination of PHYS 392, PHYS 399, PHYS 491, and PHYS 499 can be counted toward the major.

Physics, Minor - Liberal Arts

Liberal Arts (Code 230-401)

Twenty-four semester credits of Physics including:

PHYS 231	University Physics I	5
PHYS 232	University Physics II	5
PHYS 332	University Physics III	3
11 or more credits from any Physics courses ¹		11
MATH 215	Calculus II (Not counted toward credits in major)	

¹ Except PHYS 100, PHYS 211, and PHYS 212

It is recommended that students minoring in physics consult the chair of the Department of Physics and Astronomy while planning a program.

Physics, Minor - Teaching

Teaching (Code 230-403)

Twenty-four semester credits of Physics, including:

PHYS 231	University Physics I	5
PHYS 232	University Physics II	5
PHYS 332	University Physics III	3
PHYS 350	Electric and Electronic Circuits	4

At least seven credits from the following: 7

PHYS 226	Astronomy-Solar System
PHYS 229	Astronomy-Stars and Galaxies
or any physics course numbered above 325	

Required (not counted toward credits in minor):

MATH 114	Calculus I
MATH 215	Calculus II

Eight credits from one of the following fields (not counted toward credits in minor):

Biology
Chemistry
Geology

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Physics in Early Adolescence through Adolescence classrooms.

Political Science

Hibbard Humanities Hall 401
715-836-5744

www.uwec.edu/polsci (<http://www.uwec.edu/polsci>)

Honor Societies and Student Organizations:

Pi Sigma Alpha, the national honor society, promotes student interest in political science and sponsors forums on current political topics and workshops on applying to and attending graduate school and law school. The honor society accepts qualified students each fall and spring semester for membership, based on political science coursework and academic standing. Contact the faculty adviser in the department for further details.

Model United Nations Club (MUNC) is a student organization whose primary purpose is to educate its members and the student body about the United Nations and its activities. The organization is open to all students interested in global affairs and the UN. MUNC members attend two United Nations mock conferences each year and participate in a number of other group activities.

Future Lawyers of America is a student organization whose primary purpose is to inform its members of the various aspects of the legal profession. The organization is open to all students from various academic majors who are considering attending law school and share an interest in the legal profession. The organization sponsors speakers from various law-related occupations, organizes trips to law schools and law school fairs, and provides practice tests for the Law School Admission Test.

The Society of Politics is open to all students with an interest in politics and political science. The Society functions as both a social and professional organization for students to help them make connections and broaden the scope of their political knowledge. The Society hosts several events during the year, including a fall picnic, roundtables, and forums for the students and political science faculty to meet and discuss important issues.

Political Science examines various systems of government within and among nation-states and the principles on which they are based. It familiarizes the student with political concepts and issues, their historical backgrounds, and their relevance to the cultural systems in which they arise. The study of political science provides methods for analyzing political issues and the policies designed to address them.

Departmental Honors Program in Political Science

Eligibility: Majors with resident and total GPAs of 3.50 or higher overall and in Political Science, and the consent of the department. Senior standing is required. By the end of the second semester of the junior year, students must notify the department of their intent to seek departmental honors.

Requirements: Comprehensive written examination taken at the end of the first semester of the senior year; senior thesis written during the second semester of the senior year. Students must register for POLS 496, during the semester that they write the thesis.

Faculty

Geoffrey Peterson, Chair

Ali Abootalebi
Michael Fine
Rodd Freitag

Margaret Gilkison
 Obika Gray
 Stephen Hill
 Eunsook Jung
 Eric Kasper
 Steven Majstorovic
 Peter Myers
 Justin Patchin
 Jason Spraitz

Majors

- Comprehensive Major: Political Science, Legal Studies Emphasis, Liberal Arts - B.A./B.S. (p. 398)
- Comprehensive Major: Political Science, World Politics Emphasis, Liberal Arts - B.A. (p. 408)/B.S. (p. 398). (<http://catalog.uwec.edu/undergraduate/arts-sciences/political-science/political-science-comprehensive-major-world-politics-ba>)
- Major: Political Science, Liberal Arts - B.A./B.S. (p. 398)
- Major: Political Science, Teaching - B.A. (p. 403)

Minors

- Minor: Political Science, Liberal Arts (p. 406)
- Minor: Political Science, Teaching (p. 407)

Certificates

- Certificate: Campaign Consulting (p. 397)
- Certificate: International Affairs (p. 397)
- Certificate: Legal Studies (p. 398)

Campaign Consulting, Certificate

(Code 420-601)

The **Certificate in Campaign Consulting** is designed for the student seeking an opportunity to learn the skills of campaign organization and management. Students develop campaigning skills including organization of workers, marketing of candidates, issue development, use of media, and campaign finance. The certificate in Campaign Consulting is the only university course of study providing training and experience in local elections.

Currently enrolled degree-seeking students who have applied to the department for the certificate and are in good standing in the University are eligible to complete a certificate in Campaign Consulting.

Students are required to earn a total of 18 credits toward the certificate.

Required Courses:		
POLS 110	American National Politics	3
POLS 341	Political Parties, Elections, and Voting	3
POLS 342	Public Opinion and Political Behavior	3
POLS 498	Internship	3
The remaining six credits are to be selected from:		6
POLS 301	State and Local Politics	
POLS 339	Legislative Politics	
POLS 343	Public Administration	
POLS 344	Media and Politics	
POLS 348	The Presidency	

POLS 350	Group and Minority Politics	
POLS 498	Internship (campaign related) (additional 3 crs)	
Total Credits		18

All of these courses are regularly offered in the department.

Students seeking a certificate in Campaign Consulting must meet with the department chair and will be assigned a certificate adviser within the Department of Political Science.

NOTE: Students cannot pursue the Political Science Major and Campaign Consulting Certificate to meet graduation requirements for completing a first and second degree program.

International Affairs, Certificate

(Code 420-602)

The **Certificate in International Affairs** is designed for those students interested in global awareness, cultural and political diversity, and economic globalization. A certificate in International Affairs will indicate that a student has undergraduate level awareness of global concepts, basic issues, terminology, structures, and perspectives. The certificate in International Affairs provides knowledge and skills that will help prepare students for employment in a global political economy as well as familiarize them with specializations, concepts, jargon, and methods for graduate concentrations in various aspects of world politics.

Currently enrolled degree-seeking students are eligible to complete a certificate in International Affairs. Students in the comprehensive political science major with a World Politics emphasis are NOT eligible for this certificate.

Students are required to earn a total of 18 credits toward the certificate.

Required Courses (12 crs)		
POLS 122	Introduction to World Politics	3
POLS 331	International Organization and Law	3
POLS 334	International Political Economy	3
POLS 335	International Relations Theory	3
The remaining six credits are to be selected from:		6
POLS/LAS 319	Politics of Latin America	
POLS/LAS 320	Caribbean Politics	
POLS 321	Politics of the Middle East	
POLS 322	Politics of Russia	
POLS 323	Politics of Eastern Europe	
POLS 324	Politics of Asia	
POLS 327	Politics of Continental Europe	
POLS 330	U.S. Foreign Policy	
POLS 332	International Conflict	
POLS 336	Arab-Israeli Conflict	
POLS 390	Culture and Politics	
Total Credits		18

Students are strongly encouraged to take only one course from a geographic or cultural region. All of these courses are regularly offered in the department.

Students seeking a certificate in International Affairs must meet with the department chair and will be assigned an adviser within the Department of Political Science.

NOTE: Students cannot pursue the Political Science Major and International Affairs Certificate to meet graduation requirements for completing a first and second degree program.

Legal Studies, Certificate

(Code 420-603)

The **Certificate in Legal Studies** is designed for those students interested in law school or paralegal work who have a strong interest in providing evidence of coursework in law. Students will be given the opportunity to concentrate coursework in legal studies, develop skill in preparing legal briefs, and develop skill in participating in Socratic dialogue as practiced in law schools and other arenas that teach law. The certificate in Legal Studies provides a liberal arts approach to the study of law and is not intended to provide the kind of clerical training associated with some paralegal training.

Currently enrolled degree-seeking students are eligible to complete a certificate in Legal Studies. Students in the comprehensive political science major with a Legal Studies emphasis are NOT eligible for this certificate.

Students are required to earn a total of 18 credits toward the certificate.

Required Courses (12 crs)		
POLS 110	American National Politics	3
POLS 338	Judicial Politics	3
POLS 403	U.S. Constitutional Principles - Powers of Government	3
POLS 404	U.S. Constitutional Principles - Civil Liberties	3
The remaining six credits are to be selected from:		6
POLS 305	Survey of U.S. Constitutional Principles (take before POLS 403, POLS 404)	
POLS 331	International Organization and Law	
POLS 339	Legislative Politics	
POLS 405	U.S. Constitutional Principles - Due Process and Criminal Law	
POLS 498	Internship (provided it is with a law firm or local government office)	
Total Credits		18

Junior standing and POLS 110, are prerequisites for 400 level classes. All of these courses are regularly offered in the department.

Students seeking a certificate in Legal Studies must meet with the department chair and will be assigned a pre-law adviser within the Department of Political Science.

NOTE: Students cannot pursue the Political Science Major and Legal Studies Certificate to meet graduation requirements for completing a first and second degree program.

Political Science, Legal Studies Emphasis, Comprehensive Major

Liberal Arts (Code 420-001)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average

University Residency Requirements (p. 50) ³	
Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal	
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal	
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal	
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal	
Service-Learning (p. 49)	30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

A comprehensive major in Political Science combines political science with courses in other disciplines. Students choose either the Legal Studies emphasis or the World Politics emphasis.

The Legal Studies emphasis provides an emphasis in legal studies for those students interested in law school, paralegal studies, and law and society.

Sixty semester credits, including:

Required political science credits:		
POLS 110	American National Politics	3
POLS 122	Introduction to World Politics	3
POLS 290	Introduction to Political Analysis	3
POLS 338	Judicial Politics	3
POLS 403	U.S. Constitutional Principles - Powers of Government	3
POLS 404	U.S. Constitutional Principles - Civil Liberties	3
POLS 405	U.S. Constitutional Principles - Due Process and Criminal Law	3
POLS 406	U.S. Constitutional Principles - Equality and Privacy	3
POLS 480	Political Science Capstone	3
Elective political science credits, including:		21

One course in International Relations

Two courses in Comparative Government (one must be at the 300 level or higher)

Two courses in Political Theory from the following:

POLS 310 Modern Political Thought

POLS 311 Contemporary Political Thought

POLS 312 American Political Thought

Required:

Two additional courses in political science from the four course groupings (200 level or higher)

Elective courses from other disciplines selected from the following list: 12

ACCT 201 Principles of Accounting I

ACCT 202 Principles of Accounting II

ANTH 422 Anthropology of Law

CJ 202 Fundamentals of Speech

CJ 414 Mass Media Law

CRMJ 319 Police in Society

CRMJ 342 Confinement and Corrections

ECON 103 Principles of Microeconomics

ECON 104 Principles of Macroeconomics

ECON 303 Intermediate Microeconomic Theory

ECON 304 Intermediate Macroeconomic Theory

ECON 311 History of Economic Thought

ECON 316 Econometrics

ECON 321 Money and Banking

ENGL 201 Advanced College Writing

HIST 114 United States History to 1877

HIST 115 United States History Since 1877

PHIL 120 Ethical Reasoning

PHIL 150 Logic and Critical Thinking

PHIL 310 Philosophy of Law

Total Credits 60

Information for Political Science Majors and Minors

Political Science courses at the 200 level and above are classified into the following four course groupings:

Code	Title	Credits
American Politics		
POLS 301	State and Local Politics	3
POLS 305	Survey of U.S. Constitutional Principles	3
POLS 338	Judicial Politics	3
POLS 339	Legislative Politics	3
POLS 341	Political Parties, Elections, and Voting	3
POLS 342	Public Opinion and Political Behavior	3
POLS 343	Public Administration	3
POLS 344	Media and Politics	3
POLS 345	Film and Politics	3
POLS 346	Public Policy in the United States	3
POLS 348	The Presidency	3
POLS 350	Group and Minority Politics	3

POLS 353	Afro-American Politics	3
POLS 403	U.S. Constitutional Principles - Powers of Government	3
POLS 404	U.S. Constitutional Principles - Civil Liberties	3
POLS 405	U.S. Constitutional Principles - Due Process and Criminal Law	3
POLS 406	U.S. Constitutional Principles - Equality and Privacy	3
POLS/AIS 250	American Indian Politics	3
POLS/WMNS 351	Women and Politics	3

International Relations

POLS 325	Model United Nations	3
POLS 330	U.S. Foreign Policy	3
POLS 331	International Organization and Law	3
POLS 332	International Conflict	3
POLS 334	International Political Economy	3
POLS 335	International Relations Theory	3
POLS 336	Arab-Israeli Conflict	3

Comparative Government

POLS 260	Introduction to Comparative Politics	3
POLS 265	Problems of the Developing Nations	3
POLS 321	Politics of the Middle East	3
POLS 322	Politics of Russia	3
POLS 323	Politics of Eastern Europe	3
POLS 324	Politics of Asia	3
POLS 326	Politics of Southeast Asia	3
POLS 327	Politics of Continental Europe	3
POLS 328	Islam and Politics	3
POLS 329	Political Violence	3
POLS 352	Gender and Politics in Global Perspective	3
POLS 390	Culture and Politics	3
POLS/LAS 319	Politics of Latin America	3
POLS/LAS 320	Caribbean Politics	3

Political Theory

Traditional Thought Courses

POLS 309 Classical Political Thought

POLS 310 Modern Political Thought

POLS 311 Contemporary Political Thought

Other Thought Courses

POLS 312 American Political Thought

POLS 314 The Idea of Tolerance in the Western Political Tradition

NOTE: All majors should take POLS 290 before taking any 300 level courses.

Political Science, Major - Liberal Arts

Liberal Arts (Code 420-201)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
a minimum of 36 credits		
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>)

Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>)

One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>)

Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>)

One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>)

One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>)

Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>)

One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>)

One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Thirty-six semester credits, including:

POLS 110	American National Politics	3
POLS 122	Introduction to World Politics	3
POLS 290	Introduction to Political Analysis	3
POLS 480	Political Science Capstone	3

At least two courses in each of the four course groupings defined below

At least one theory course must be selected from Traditional Thought

One comparative course must be taken at the 300 level

Information for Political Science Majors and Minors

Political Science courses at the 200 level and above are classified into the following four course groupings:

Code	Title	Credits
American Politics		
POLS 301	State and Local Politics	3
POLS 305	Survey of U.S. Constitutional Principles	3
POLS 338	Judicial Politics	3
POLS 339	Legislative Politics	3

POLS 341	Political Parties, Elections, and Voting	3
POLS 342	Public Opinion and Political Behavior	3
POLS 343	Public Administration	3
POLS 344	Media and Politics	3
POLS 345	Film and Politics	3
POLS 346	Public Policy in the United States	3
POLS 348	The Presidency	3
POLS 350	Group and Minority Politics	3
POLS 353	Afro-American Politics	3
POLS 403	U.S. Constitutional Principles - Powers of Government	3
POLS 404	U.S. Constitutional Principles - Civil Liberties	3
POLS 405	U.S. Constitutional Principles - Due Process and Criminal Law	3
POLS 406	U.S. Constitutional Principles - Equality and Privacy	3
POLS/AIS 250	American Indian Politics	3
POLS/WMNS 351	Women and Politics	3

International Relations

POLS 325	Model United Nations	3
POLS 330	U.S. Foreign Policy	3
POLS 331	International Organization and Law	3
POLS 332	International Conflict	3
POLS 334	International Political Economy	3
POLS 335	International Relations Theory	3
POLS 336	Arab-Israeli Conflict	3

Comparative Government

POLS 260	Introduction to Comparative Politics	3
POLS 265	Problems of the Developing Nations	3
POLS 321	Politics of the Middle East	3
POLS 322	Politics of Russia	3
POLS 323	Politics of Eastern Europe	3
POLS 324	Politics of Asia	3
POLS 326	Politics of Southeast Asia	3
POLS 327	Politics of Continental Europe	3
POLS 328	Islam and Politics	3
POLS 329	Political Violence	3
POLS 352	Gender and Politics in Global Perspective	3
POLS 390	Culture and Politics	3
POLS/LAS 319	Politics of Latin America	3
POLS/LAS 320	Caribbean Politics	3

Political Theory

Traditional Thought Courses		
POLS 309	Classical Political Thought	
POLS 310	Modern Political Thought	
POLS 311	Contemporary Political Thought	
Other Thought Courses		
POLS 312	American Political Thought	
POLS 314	The Idea of Tolerance in the Western Political Tradition	

NOTE: All majors should take POLS 290 before taking any 300 level courses.

Political Science, Major - Teaching

Teaching (Code 420-203)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
	Obtain admission to the degree program and/or the College offering it.	
	Apply for graduation on CampS.	

¹ Certain programs exceed this minimum.
² See special requirements in each College.
³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal	
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal	
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal	
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal	
Service-Learning (p. 49)	30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits

Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

- Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
- Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		
WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	
WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students	
AND at least one oral communication course from the following:		
CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	
S2 (Mathematics)		
LE approved math course		
S3 (Creativity)		
ES 497	Field Experience Seminar (included in major)	2
R1 (Equity, Diversity, Inclusivity)		
ES 385	Social Foundations: Human Relations (included in major)	3
AND another learning experience		
R2 (Global Perspectives)		
One LE approved course		
R3 (Civic and Environmental Issues)		

One LE approved course

IL (Integration)

ES 497	Field Experience Seminar (included in major)	2
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AND another learning experience

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teaching Licensure Requirements - EA-A Licensure Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

- a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
- a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option B: EA-A

Early Adolescence through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
Prescribed special methods course(s) (see approved majors and minors below)		
ES 445 & ES 470	Student Teaching in Middle Level Education and Student Teaching in Secondary Education	14
or ES 446	Internship Teaching in Middle Level Education	
or ES 475	Internship Teaching in Secondary Education	
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2

NOTE: Although majors must be from the approved list below, the second plan may be from the approved list. Students pursuing EA-A licensure are not required to elect a second plan that leads to a teaching license.

Approved Majors and Minors for Option B

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II Content Test Required
English	540-006	ENGL 319, ENGL 419		ETS 5038
Earth and Space Science	160-015 ¹	ES 359 (F)		ETS 5435
Mathematics	180-002	ES 357		ETS 5061
Physical Science ¹	240-004	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Physics-Mathematics ¹				ETS 5161 and ETS 5435 (regardless of emphasis)
Physics Emphasis	210-003	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Mathematics Emphasis	210-004	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Social Studies	500-XXX	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Majors	Code	Prescribed Methods Course	Additional Requirements	Praxis II Content Test Required
Biology ¹	080-205	ES 367 (Sp)	BIOL 180 or GEOG 178	ETS 5435
Chemistry ¹	100-204	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Economics	360-204	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
English	540-210	ENGL 319, ENGL 419		ETS 5038
Geography	140-213	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
History	380-206	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Mathematics	180-207	ES 357		ETS 5161
Physics ¹	230-205	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-203	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
Biology	080-403	ES 367 (SP)	BIOL 180 or GEOG 178	ETS 5435
Chemistry	100-406	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Coaching	971-403	KINS 492		no addt'l exam

Economics	360-404	ES 356	BIOL 180 or GEOG 178	ETS 5081
English	540-408	ENGL 319, ENGL 419		ETS 5038
French	260-404	ES 366 (F) in language	Study abroad	WPT and OPI or OPIc
Geography	140-413	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Geology	160-402	ES 359 (F)		
German	280-404	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
History	380-404	ES 356 (SP)	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Learning Disabilities	950-471			ETS 5146
Library Science	960-403		EC-A licensure	no addt'l exam for this minor
Mathematics	180-407	ES 357		ETS 5161
Physics	230-403	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-403	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Sociology	480-404	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Spanish	320-405	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
Teaching English to Speakers of Other Languages (TESOL)	550-408	ES 405 (F)	1 yr college level foreign language	ETS 0361
Theatre Arts	601-424	ES 361 (F)		ETS 0641

¹ Broadfield Science add-on certification is available with these majors and requires ES 359 (fall only) and ES 367 (spring only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

Thirty-six semester credits, including:

POLS 110	American National Politics	3
POLS 122	Introduction to World Politics	3
POLS 260	Introduction to Comparative Politics	3
POLS 290	Introduction to Political Analysis	3
POLS 301	State and Local Politics	3
POLS 305	Survey of U.S. Constitutional Principles	3
POLS 312	American Political Thought	3
POLS 480	Political Science Capstone	3

two courses at the 300 level or above in American politics in addition to POLS 301 and POLS 305	6
one course at the 200 level or higher in international relations	3
one course at the 200 level or higher in comparative government in addition to POLS 260	3

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Political Science in Early Adolescence through Adolescence classrooms.

Information for Political Science Majors and Minors

Political Science courses at the 200 level and above are classified into the following four course groupings:

Code	Title	Credits
American Politics		
POLS 301	State and Local Politics	3
POLS 305	Survey of U.S. Constitutional Principles	3
POLS 338	Judicial Politics	3
POLS 339	Legislative Politics	3
POLS 341	Political Parties, Elections, and Voting	3
POLS 342	Public Opinion and Political Behavior	3
POLS 343	Public Administration	3
POLS 344	Media and Politics	3
POLS 345	Film and Politics	3
POLS 346	Public Policy in the United States	3
POLS 348	The Presidency	3
POLS 350	Group and Minority Politics	3
POLS 353	Afro-American Politics	3
POLS 403	U.S. Constitutional Principles - Powers of Government	3
POLS 404	U.S. Constitutional Principles - Civil Liberties	3
POLS 405	U.S. Constitutional Principles - Due Process and Criminal Law	3
POLS 406	U.S. Constitutional Principles - Equality and Privacy	3
POLS/AIS 250	American Indian Politics	3
POLS/WMNS 351	Women and Politics	3
International Relations		
POLS 325	Model United Nations	3
POLS 330	U.S. Foreign Policy	3
POLS 331	International Organization and Law	3
POLS 332	International Conflict	3
POLS 334	International Political Economy	3
POLS 335	International Relations Theory	3
POLS 336	Arab-Israeli Conflict	3
Comparative Government		
POLS 260	Introduction to Comparative Politics	3
POLS 265	Problems of the Developing Nations	3
POLS 321	Politics of the Middle East	3
POLS 322	Politics of Russia	3

POLS 323	Politics of Eastern Europe	3
POLS 324	Politics of Asia	3
POLS 326	Politics of Southeast Asia	3
POLS 327	Politics of Continental Europe	3
POLS 328	Islam and Politics	3
POLS 329	Political Violence	3
POLS 352	Gender and Politics in Global Perspective	3
POLS 390	Culture and Politics	3
POLS/LAS 319	Politics of Latin America	3
POLS/LAS 320	Caribbean Politics	3

Political Theory

Traditional Thought Courses

POLS 309 Classical Political Thought

POLS 310 Modern Political Thought

POLS 311 Contemporary Political Thought

Other Thought Courses

POLS 312 American Political Thought

POLS 314 The Idea of Tolerance in the Western Political Tradition

NOTE: All majors should take POLS 290 before taking any 300 level courses.

Political Science, Minor - Liberal Arts

Liberal Arts (Code 420-401)

Twenty-four semester credits including:

POLS 110	American National Politics	3
POLS 122	Introduction to World Politics	3

Electives:

At least one course at the 300-400 level in each of the four course groupings defined below

At least 18 credits must be taken at the 200 level or above 18

Information for Political Science Majors and Minors

Political Science courses at the 200 level and above are classified into the following four course groupings:

Code	Title	Credits
American Politics		
POLS 301	State and Local Politics	3
POLS 305	Survey of U.S. Constitutional Principles	3
POLS 338	Judicial Politics	3
POLS 339	Legislative Politics	3
POLS 341	Political Parties, Elections, and Voting	3
POLS 342	Public Opinion and Political Behavior	3
POLS 343	Public Administration	3
POLS 344	Media and Politics	3
POLS 345	Film and Politics	3
POLS 346	Public Policy in the United States	3
POLS 348	The Presidency	3
POLS 350	Group and Minority Politics	3

POLS 353	Afro-American Politics	3
POLS 403	U.S. Constitutional Principles - Powers of Government	3
POLS 404	U.S. Constitutional Principles - Civil Liberties	3
POLS 405	U.S. Constitutional Principles - Due Process and Criminal Law	3
POLS 406	U.S. Constitutional Principles - Equality and Privacy	3
POLS/AIS 250	American Indian Politics	3
POLS/WMNS 351	Women and Politics	3

International Relations

POLS 325	Model United Nations	3
POLS 330	U.S. Foreign Policy	3
POLS 331	International Organization and Law	3
POLS 332	International Conflict	3
POLS 334	International Political Economy	3
POLS 335	International Relations Theory	3
POLS 336	Arab-Israeli Conflict	3

Comparative Government

POLS 260	Introduction to Comparative Politics	3
POLS 265	Problems of the Developing Nations	3
POLS 321	Politics of the Middle East	3
POLS 322	Politics of Russia	3
POLS 323	Politics of Eastern Europe	3
POLS 324	Politics of Asia	3
POLS 326	Politics of Southeast Asia	3
POLS 327	Politics of Continental Europe	3
POLS 328	Islam and Politics	3
POLS 329	Political Violence	3
POLS 352	Gender and Politics in Global Perspective	3
POLS 390	Culture and Politics	3
POLS/LAS 319	Politics of Latin America	3
POLS/LAS 320	Caribbean Politics	3

Political Theory

Traditional Thought Courses

POLS 309 Classical Political Thought

POLS 310 Modern Political Thought

POLS 311 Contemporary Political Thought

Other Thought Courses

POLS 312 American Political Thought

POLS 314 The Idea of Tolerance in the Western Political Tradition

NOTE: All majors should take POLS 290 before taking any 300 level courses.

Political Science, Minor - Teaching

Teaching (Code 420-403)

Twenty-four semester credits including:

POLS 110	American National Politics	3
POLS 122	Introduction to World Politics	3
POLS 260	Introduction to Comparative Politics	3
POLS 301	State and Local Politics	3
POLS 305	Survey of U.S. Constitutional Principles	3
POLS 312	American Political Thought	3

One additional course at the 300 level or above in American politics

One additional course at the 200 level or above in the International Relations or Comparative Government

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Political Science in Early Adolescence through Adolescence classrooms.

Information for Political Science Majors and Minors

Political Science courses at the 200 level and above are classified into the following four course groupings:

Code	Title	Credits
American Politics		
POLS 301	State and Local Politics	3
POLS 305	Survey of U.S. Constitutional Principles	3
POLS 338	Judicial Politics	3
POLS 339	Legislative Politics	3
POLS 341	Political Parties, Elections, and Voting	3
POLS 342	Public Opinion and Political Behavior	3
POLS 343	Public Administration	3
POLS 344	Media and Politics	3
POLS 345	Film and Politics	3
POLS 346	Public Policy in the United States	3
POLS 348	The Presidency	3
POLS 350	Group and Minority Politics	3
POLS 353	Afro-American Politics	3
POLS 403	U.S. Constitutional Principles - Powers of Government	3
POLS 404	U.S. Constitutional Principles - Civil Liberties	3
POLS 405	U.S. Constitutional Principles - Due Process and Criminal Law	3
POLS 406	U.S. Constitutional Principles - Equality and Privacy	3
POLS/AIS 250	American Indian Politics	3
POLS/WMNS 351	Women and Politics	3
International Relations		
POLS 325	Model United Nations	3
POLS 330	U.S. Foreign Policy	3

POLS 331	International Organization and Law	3
POLS 332	International Conflict	3
POLS 334	International Political Economy	3
POLS 335	International Relations Theory	3
POLS 336	Arab-Israeli Conflict	3
Comparative Government		
POLS 260	Introduction to Comparative Politics	3
POLS 265	Problems of the Developing Nations	3
POLS 321	Politics of the Middle East	3
POLS 322	Politics of Russia	3
POLS 323	Politics of Eastern Europe	3
POLS 324	Politics of Asia	3
POLS 326	Politics of Southeast Asia	3
POLS 327	Politics of Continental Europe	3
POLS 328	Islam and Politics	3
POLS 329	Political Violence	3
POLS 352	Gender and Politics in Global Perspective	3
POLS 390	Culture and Politics	3
POLS/LAS 319	Politics of Latin America	3
POLS/LAS 320	Caribbean Politics	3

Political Theory

Traditional Thought Courses		
POLS 309	Classical Political Thought	
POLS 310	Modern Political Thought	
POLS 311	Contemporary Political Thought	
Other Thought Courses		
POLS 312	American Political Thought	
POLS 314	The Idea of Tolerance in the Western Political Tradition	

NOTE: All majors should take POLS 290 before taking any 300 level courses.

Political Science, World Politics Emphasis, Comprehensive Major

Liberal Arts (Code 420-002)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average

University Residency Requirements (p. 50) ³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal
Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal
Service-Learning (p. 49) 30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH

112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

A comprehensive major in Political Science combines political science with courses in other disciplines. Students choose either the Legal Studies emphasis or the World Politics emphasis.

The World Politics emphasis provides an emphasis for students interested in graduate work or employment in world affairs, international relations, and comparative government.

Sixty semester credits, including political science courses (18 required credits):

POLS 110	American National Politics	3
POLS 122	Introduction to World Politics	3
POLS 290	Introduction to Political Analysis	3
POLS 334	International Political Economy	3
POLS 335	International Relations Theory	3
POLS 480	Political Science Capstone	3
Elective political science courses:		27

One 300-level or higher course in American Politics

In addition to POLS 334 and POLS 335, two courses in International Relations

Four courses in Comparative Government

Two courses, at least one from Traditional Thought, in Political Theory

Elective courses from other disciplines (15 credits), with no more than six credits from any one prefix: 15

ANTH 315	Language in Culture and Society	
ANTH 351	Cross-Cultural Dynamics	
ANTH 355	Peoples of Africa	
ANTH 356	Women in Cross-Cultural Perspective	
CJ 319	International Communication	
ECON 351	International Economics	
ECON 353	Economics of Pacific Asia	
ECON 355	Economic Development	
ECON/LAS 356	Economic Development of Latin America	
ENGL 130	Introduction to World/Postcolonial Literature	
ENGL 230	Survey of World/Postcolonial Literature	
ENGL 330	Topics in World/Postcolonial Literature	
Foreign Language courses at the 201 level or higher		
GEOG 301	Geography of Western Europe	
GEOG 308	Geography of Russia and Eastern Europe	
GEOG 319	Geography of the Middle East and North Africa	
GEOG 321	Geography of Latin America	
GEOG 378	International Environmental Problems and Policy	
GEOG 446	Political Geography	

HIST/LAS 309	Latin America Through Independence
HIST/LAS 311	Latin America Since Independence
HIST 324	Nineteenth Century Europe, 1815-1914
HIST 326	Twentieth Century Europe, 1900 to Present
HIST 360	Modern France
HIST 362	Modern Germany
HIST 366	History of Middle East Since Muhammad
HIST 371	History of the Modern Balkans
HIST 375	Twentieth Century Russia
HIST 379	History of Modern East Europe
HIST 383	Modern Africa
HIST 387	Marco Polo's World, 1250-1350
HIST 388	History of China
HIST 389	History of Japan
MUSI 225	World Music
RELS 307	Judaism
RELS 309	Islam
RELS 312	Buddhism: Past and Present
RELS 314	Hinduism
RELS 323	Chinese and Japanese Religions
RELS 326	Asian Religious Philosophies
RELS 378	The Holocaust, 1933-1945

Total Credits **60**

Information for Political Science Majors and Minors

Political Science courses at the 200 level and above are classified into the following four course groupings:

Code	Title	Credits
American Politics		
POLS 301	State and Local Politics	3
POLS 305	Survey of U.S. Constitutional Principles	3
POLS 338	Judicial Politics	3
POLS 339	Legislative Politics	3
POLS 341	Political Parties, Elections, and Voting	3
POLS 342	Public Opinion and Political Behavior	3
POLS 343	Public Administration	3
POLS 344	Media and Politics	3
POLS 345	Film and Politics	3
POLS 346	Public Policy in the United States	3
POLS 348	The Presidency	3
POLS 350	Group and Minority Politics	3
POLS 353	Afro-American Politics	3
POLS 403	U.S. Constitutional Principles - Powers of Government	3
POLS 404	U.S. Constitutional Principles - Civil Liberties	3
POLS 405	U.S. Constitutional Principles - Due Process and Criminal Law	3
POLS 406	U.S. Constitutional Principles - Equality and Privacy	3

POLS/AIS 250	American Indian Politics	3
POLS/WMNS 351	Women and Politics	3

International Relations

POLS 325	Model United Nations	3
POLS 330	U.S. Foreign Policy	3
POLS 331	International Organization and Law	3
POLS 332	International Conflict	3
POLS 334	International Political Economy	3
POLS 335	International Relations Theory	3
POLS 336	Arab-Israeli Conflict	3

Comparative Government

POLS 260	Introduction to Comparative Politics	3
POLS 265	Problems of the Developing Nations	3
POLS 321	Politics of the Middle East	3
POLS 322	Politics of Russia	3
POLS 323	Politics of Eastern Europe	3
POLS 324	Politics of Asia	3
POLS 326	Politics of Southeast Asia	3
POLS 327	Politics of Continental Europe	3
POLS 328	Islam and Politics	3
POLS 329	Political Violence	3
POLS 352	Gender and Politics in Global Perspective	3
POLS 390	Culture and Politics	3
POLS/LAS 319	Politics of Latin America	3
POLS/LAS 320	Caribbean Politics	3

Political Theory

Traditional Thought Courses		
POLS 309	Classical Political Thought	
POLS 310	Modern Political Thought	
POLS 311	Contemporary Political Thought	
Other Thought Courses		
POLS 312	American Political Thought	
POLS 314	The Idea of Tolerance in the Western Political Tradition	

NOTE: All majors should take POLS 290 before taking any 300 level courses.

Psychology

Hibbard Humanities Hall 277
715-836-5733 (<http://catalog.uwec.edu/undergraduate/arts-sciences/psychology/tel:7158365733>)
www.uwec.edu/psyc (<http://www.uwec.edu/psyc>)

Psychology is the scientific investigation of mental processes (thinking, remembering, feeling, etc.) and behavior. Psychology lies in the center of the academic pursuits of the university because of its strong connections with other scholarly areas. Psychology is not only an academic discipline, but also a profession. There are both academic psychologists, who engage in teaching and research, and practicing psychologists, who apply psychological knowledge in clinics, businesses, and other settings.

Learning goals of the major and minor include:

Knowledge, Skills and Values Consistent with the Science and Application of Psychology

1. Knowledge Base of Psychology
2. Research Methods in Psychology
3. Critical Thinking Skills in Psychology
4. Application of Psychology
5. Values in Psychology

Knowledge, Skills and Values Consistent with Liberal Arts Education that are Further Developed in Psychology

1. Information and Technological Literacy
2. Communication Skills
3. Sociocultural and International Awareness
4. Personal Development
5. Career Planning and Development

Credit for PSYC 100, PSYC 230, and PSYC 260 can be awarded through CLEP examinations. Credit for PSYC 100 and PSYC 265 can be awarded through AP examinations.

Faculty

Douglas Matthews, Chair

Michael Axelrod
Tammy Bednar
Lori Bica
April Bleske-Rechek
Melissa Coolong-Chaffin
Mickey Crothers
Jeffrey Goodman
Gokçe Gungor-Muñoz
Jarrod Hines
David Jewett
Kevin Klatt
Carla Lagorio
Mary Beth Leibham
David Leland
Jennifer Muehlenkamp
Jennifer Parker
Blaine Peden
Angela Pirlott
Mary Beth Tusing
Catya von Károlyi

Majors

- Psychology, Liberal Arts, Major - B.A./B.S. (p. 413)
- Psychology, Behavioral Analysis Emphasis, Liberal Arts, Major - B.A./B.S. (p. 411)

Minors

- Psychology, Liberal Arts, Minor (p. 415)

Psychology, Behavior Analysis, Major

Liberal Arts (Code 440-202)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Recommended for students who are interested in becoming a behavioral services provider for individuals afflicted with autism, developmental disabilities, head injuries, and substance-abuse disorders. This major also provides essential preparation for students who are interested in attending graduate school for more advanced training.

Thirty-six semester credits, including:

PSYC 100	Introduction to Psychology	3
PSYC 101	Psychology as a Discipline and a Profession	1
MATH 246 or PSYC 265	Elementary Statistics Statistical Methods in Psychology I	3-4
PSYC 271	Methods of Research in Psychology	4
PSYC 281	Introduction to Behavior Analysis and Therapy	3
PSYC 390	Advanced Applied Behavior Analysis	3
PSYC 412	Experimental Analysis of Behavior	3

PSYC 480	Internship in Behavior Analysis	9
3 credits from one of the following, or a different upper-division Psychology course with department permission:		
PSYC 302	Principles of Learning	3
PSYC 377	Psychopharmacology	3
or complete a Student Academic or Research Apprenticeship in the area of Behavior Analysis		
Remaining credits to total 36 select from any psychology courses		

Note 1: No credit may be earned toward completion of the major under the Satisfactory/Unsatisfactory option.

Note 2: Enrollment in PSYC 480 will be 3-6 credits per term depending on the Internship.

Psychology, Major

Liberal Arts (Code 440-201)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on Camp5.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate

will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and

total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

The psychology major develops knowledge, skills, and values consistent with a liberal arts education. Recommended for students who are interested in pursuing advanced degrees in psychology or other related disciplines. Students who complete the major are also well prepared to pursue a variety of careers immediately following graduation.

Thirty-six semester credits, including:

PSYC 100	Introduction to Psychology	3
PSYC 101	Psychology as a Discipline and a Profession	1
MATH 246 or PSYC 265	Elementary Statistics Statistical Methods in Psychology I	3-4
PSYC 271	Methods of Research in Psychology	4

PSYC 400 or PSYC 401	History and Systems of Psychology Big Issues in Psychology	3
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At least one course in each of the four core domains; at least two core domains must include an upper-division course for this requirement:

Biological

IDIS 125	Brain: Introduction to Neuroscience
PSYC 372	Individual Differences and Behavior Genetics
PSYC 373	Evolutionary Psychology
PSYC 374	Cognitive Neuroscience
PSYC 375	Behavioral and Clinical Neuroscience
PSYC 376	Psychology of Perception
PSYC 377	Psychopharmacology

Developmental

PSYC 230	Human Development
PSYC 331	Child Psychology
PSYC 332	Psychology of Adolescence
PSYC 333	Psychology of Adulthood and Aging
PSYC 435	Theories and Research in Developmental Psychology

Learning and Cognition

PSYC 260	Educational Psychology
PSYC 281	Introduction to Behavior Analysis and Therapy
PSYC 302	Principles of Learning
PSYC 379	Cognitive Psychology
PSYC 380	Introduction to Behavior Modification
PSYC 390	Advanced Applied Behavior Analysis
PSYC 412	Experimental Analysis of Behavior

Sociocultural

PSYC 245	Social Psychology
PSYC 251	Abnormal Psychology
PSYC 334	Psychology of the Exceptional Child
PSYC/ WMNS 336	Psychology of Women
PSYC 340	Personality Psychology
PSYC 349	Psychology of Stigma, Prejudice and Intergroup Relations
PSYC 353	Health Psychology

Remaining credits to total 36 selected from any Psychology courses.

NOTE 1: At least 18 credits from 300- and 400-level courses are required for the major.

NOTE 2: A maximum of nine credits earned in PSYC 395, PSYC 396, PSYC 397, PSYC 399, and PSYC 499 may count toward the major.

NOTE 3: Completion of core domain requirements may be satisfied by enrollment in selected offerings of PSYC 395, PSYC 396, PSYC 399, PSYC 491, and PSYC 499 with departmental approval.

NOTE 4: No credit may be earned under the Satisfactory/Unsatisfactory option for any of the requirements listed above.

Psychology, Minor

Liberal Arts (Code 440-401)

Twenty-four semester credits, including:

PSYC 100	Introduction to Psychology	3
MATH 246	Elementary Statistics	3-4
or PSYC 265	Statistical Methods in Psychology I	
PSYC 271	Methods of Research in Psychology	4

Remaining credits to total 24 selected from any Psychology courses.

NOTE 1: At least 6 credits from 300- and 400-level courses are required for the minor.

NOTE 2: A maximum of 3 credits from PSYC 395, PSYC 396, PSYC 397, PSYC 399, and PSYC 499 may count toward the minor.

NOTE 3: No credit may be earned under the Satisfactory/Unsatisfactory option for any of the requirements listed above.

Sociology

Hibbard Humanities Hall 629

715-836-2720

www.uwec.edu/soc (<http://www.uwec.edu/soc>)

Sociology searches in disciplined ways for answers to questions about human social behavior; questions regarding human identity, social interaction, human relations, and group dynamics. It studies the behavior and interaction of social groups and institutions, traces their origin and growth, and analyzes the influence of group activities on both group members and larger social units.

Departmental Honors Program

1. Goals and Objectives

- To provide an enriched educational experience for subsequent graduate study, professional activities, or public life.
- To allow concentrated and individualized study in selected areas of interest in the field of sociology.
- To stimulate, encourage, and challenge students to gain a better understanding of sociological research and theory in addition to usual instruction.
- To develop capabilities for independent thought and constructive criticism.

2. Entrance Requirements for Honors in Sociology

- Eligibility: Upper-class majors with resident and total GPAs of 3.50 and a GPA of 3.50 in sociology courses.
- Applications for the Honors Program should be made in writing to the department during the junior year.

3. Satisfactory Completion of Requirements for Graduation with Honors in Sociology.

- Minimum of 36 semester credit hours in the sociology department.
- An Honors examination in two areas chosen by the student in consultation with an honors committee.
- A three credit independent study.
- An Honors Seminar.
- An Honors research paper.
- Resident and total GPAs of 3.50 and resident and total GPAs of 3.50 in the major program at time of graduation.

Satisfactory/Unsatisfactory Policy

No credit may be earned under the Satisfactory/Unsatisfactory option for any course counted toward a departmental major or minor.

Credit by Examination

Credit may be obtained by examination in SOC 101. A student may earn a maximum of six credits in Sociology through credit by examination.

Faculty

Pamela Forman, Chair

Melissa Bonstead-Bruns

Margaret L. Cassidy

Jeff S. Erger

Peter Hart-Brinson

Jeremy Hein

Jianjun Ji

Tarique Niazi

Kathleen Nybroten

Majors

- Major: Sociology, Liberal Arts - B.A./B.S. (p. 416)

Minors

- Minor: Sociology, Liberal Arts (p. 417)
- Minor: Sociology, Early Adolescence/Adolescence, Teaching (p. 418)

Certificates

- Certificate: Social Diversity (p. 416)

Social Diversity, Certificate

(Code 480-601)

The Social Diversity Certificate is a foundation for understanding inequality based on race, class, gender, and sexualities. These inequalities are caused by social institutions that create and sustain systems of oppression and privilege. Learning about the real but often invisible causes of inequality helps individuals overcome internalized oppression and internalized privilege. It also helps professionals to better serve the public in fields such as health care, education, social services, and criminal justice.

A minimum of 12 credits in the following courses:

SOC 312	Race and Ethnicity in the U.S.	3
SOC 314	Social Class and Inequality	3
SOC 419	Sociology of Women	3
or SOC 202	Women and Men in Society: The Sociology of Gender	
SOC 426	Sociology of Sexualities	3

Note: Courses may not be counted in both the certificate and the student's major program.

For advising, see the Sociology Department.

Sociology, Major

Liberal Arts (Code 480-201)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23

Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
	Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal		
	Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
	One S1 must meet the University Writing Requirement (p. 49)	
	Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
	One S2 to meet the University Mathematics Requirement (p. 49)	
	Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal		
	Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
	One R1 must satisfy Design for Diversity (p. 49)	
	Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>)

One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH

112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of S in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

Thirty-six semester credits, including:

SOC 101	Introduction to Sociology	3
SOC 328	Sociological Data Analysis	3
SOC 330	Sociological Theory	3
SOC 332	Sociological Research Methods	3
SOC 490	Sociology Capstone	3
Sociology electives		21
Total Credits		36

Note 1: Majors are strongly encouraged to enroll in SOC 330 no later than the first semester of their junior year.

Note 2: A maximum of nine credits earned in SOC 395, SOC 399, SOC 496, SOC 497, SOC 498, and/or SOC 499 may count toward major.

Note 3: A sum total of nine credits in SOC 291 and SOC 491 courses may be counted toward the major.

Note 4: Sociology electives may include CRMJ 103 and/or CRMJ 302.

Sociology, Minor - Liberal Arts

Liberal Arts (Code 480-401)

Twenty-four semester credits, including:

SOC 101	Introduction to Sociology	3
Sociology electives		21
Total Credits		24

Note 1: A minimum of nine credits must be taken in courses numbered 300 or higher.

Note 2: A maximum of six credits earned in SOC 395, SOC 399, SOC 496, SOC 497, SOC 498, and/or SOC 499 may count toward minor.

Note 3: A sum total of six credits in SOC 291 and SOC 491 courses may be counted toward the minor.

Note 4: Sociology electives may include CRMJ 103 and/or CRMJ 302.

Sociology, Minor - Teaching

Early Adolescence/Adolescence Teaching (Code 480-404)

Twenty-four semester credits, including:

SOC 101	Introduction to Sociology	3
SOC 242	Contemporary Social Problems	3
SOC 328	Sociological Data Analysis	3
SOC 330	Sociological Theory	3
SOC 332	Sociological Research Methods	3
Nine credits from the following:		9
SOC 164	Family and Intimate Relationships	
SOC 312	Race and Ethnicity in the U.S.	
SOC 316	Sociology of Family	
SOC 351	Sociology of Deviance	

Total Credits **24**

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Sociology in Early Adolescence through Adolescence classrooms.

Note: A minimum of nine credits must be taken in courses numbered 300 or higher.

Watershed Institute for Collaborative Environmental Studies

Hibbard Humanities Hall 384

715-836-2628

www.uwec.edu/watershed (<http://www.uwec.edu/watershed>)

Students interested in gaining understanding and expertise in Environmental Studies, Environmental Public Health, or Sustainability are encouraged to enroll in the Environmental Public Health Comprehensive Major (Code 640-001) or one of two interdisciplinary minors: Environmental Science (Code 155-400) or Environment, Society, and Culture (Code 489-401). Environmentally themed comprehensive majors are also available in other departments, including Ecology and Environmental Biology Emphasis (Code 080-001), Environmental Geography (Code 140-007), and Geology Environmental Science Emphasis (Code 160-010). Students wishing for a broader understanding of Environmental Studies can also seek to develop a program of study in the Liberal Studies Comprehensive Major (Code 370-001). Students in these programs take advantage of service learning opportunities, engage with activities and organizations on campus and in the community, and participate in faculty/student collaborative research. Watershed Institute faculty and affiliates can help inform and arrange these opportunities for interested students.

Mission

We work collaboratively to build healthy, just, and sustainable human and ecological communities.

Values

We accomplish this mission through the application of the following principles in all we do:

- We collaborate across the campus and within the community, involving a broad range of interdisciplinary perspectives.
- Our efforts are centered on our students and their development.
- Both students and faculty are encouraged to be bold in how we teach and learn.
- We focus on imparting skills for life and career.
- Our program is distinctive—accomplishing our mission in innovative ways.
- We seek to be engaged in the world with our studies.
- At the same time, we are place-centered, recognizing the value of learning from and positively influencing our surroundings.
- We remain ecologically aware.
- We are ethically intentional in all these efforts.

The Watershed Institute consists of the faculty members listed on the faculty tab and affiliate members found in other home departments, programs, and units (including Art & Design, Biology, Blugold Dining Services, Chemistry, Communication and Journalism, Economics, English, Geography and Anthropology, Geology, Music and Theatre Arts, Philosophy and Religious Studies, and Sociology).

Faculty

James Boulter, Program Director

Karen Mumford

Crispin Pierce

David Soll

Laura Suppes

Majors

- Environmental Public Health, Comprehensive Major - B.S.E.P.H. (p. 420)

Minors

- Environment, Society, and Culture, Liberal Arts, Minor (p. 419)
- Environmental Science, Liberal Arts, Minor (p. 422)

Environment, Society, and Culture, Minor

Liberal Arts (Code 489-401)

Advisers: J. Boulter, K Mumford, J. Phillips (Chemistry), C. Pierce, D. Soll.

The Environment, Society, and Culture minor enables students to probe the human dimensions of environmental issues through a variety of courses crossing many disciplines. Built around a core science requirement, the program is rounded out with courses in ethics, philosophy/religion, history, sociology, geography, and economics—courses that examine social conflict and the policies that engender and address conflict. This minor is open to all students; while perhaps best suited to students majoring in the humanities and social sciences, it is designed to be flexible so that students can tailor it to meet their particular needs and interests.

In this minor, students gain the ability to answer critical environmental challenges ranging from air quality, food production safety and distribution, loss of critical habitats, issues related to urban growth, climate change, water pollution, and the spread and prevalence of disease, while applying principles or environmental justice, civic engagement and strategic policy approaches. These solutions require students to integrate and apply concepts and tools of multiple disciplines from across the university and into the community.

Contemplation of the environment raises many questions, some of them clearly scientific in nature: “What chemical is polluting the river? What are that chemical’s toxicological properties, and how will they affect the ecosystem?” Some of the questions raised transcend the purely scientific perspective: “Who is dumping that chemical in the river? Why did they make that choice—was profit involved? Mere carelessness?” Or “Do any societal needs drive demands for this chemical? Can those needs be met in alternative ways?” And “Who lives by the river, what socio-economic conditions brought them there and how are they affected by this chemical’s presence?” Or again—“What laws pertain to the river? To whom does the river ‘belong’?” Such questions, equally important and as intellectually challenging as the purely scientific inquiries, in fact provide a larger context for the science. To ask this full range of questions is to think ecologically—that is, with an awareness of the entire mechanism—about environmental issues.

This minor requires a minimum of 24 credits, of which at least 12 credits must be from courses numbered 300 and higher.

Select at least one gateway course from the following:

BIOL 180	Environmental Biology and Conservation
CHEM 127	Chemistry and Climate
GEOG 178	Conservation of the Environment
ENPH 110	Introduction to Environmental Health
ENPH 115	Global Environmental and Public Health

Select at least three of the following from the “Socio-cultural Perspectives” category:

ECON 268	Environmental Economics
ENV 310	Sustainable Cities
ENV 330	Waste & Society: Energy, Food, and Efficiency
ENV/GEOG 377	U.S. Environmental and Sustainability Policy
GEOG 369	Geography of Food
GEOG/ENV 378	International Environmental Problems and Policy
GEOG 445	Historical Geography
HIST/ENV 346	American Environmental History
SOC 301	Environmental Sociology
SOC 310	Principles of Demography
PHIL 320	Environmental Ethics
WMNS 375	Ecofeminism - Women's Studies and Environmental Justice

Natural Science Focus Area: A two-course sequence in a natural science chosen from the following options:

BIOL 328	Conservation Biology ¹
CHEM 115 & CHEM 304	Chemical Principles and Environmental Chemistry ²
GEO 115 & GEO 301 or GEO 308	Environmental Geology and Earth Resources Water Resources
GEOG 104 & GEOG 304 or GEOG 340 or GEOG 361	The Physical Environment and Introduction to Geomorphology Climatology Environmental Hazards

Select additional courses selected from those listed above or from the options below to reach a total of 24 credits:

BIOL 329	Biological Field Experiences and Service-Learning Capstone
ENGL 415	Seminar in Science and Nature Writing
ENPH 441	Water and Wastewater
ENPH 445	Hazardous and Solid Waste Management
ENPH 450	Epidemiology
GEOG 270	Land Use Issues and Problems
GEOG 350	Soils and the Environment
GEOG 365	Tourism Geographies
GEOG 368	Geography Field Seminar
GEOG/AIS 322	Native Geographies
MATH 108	Earth Algebra
PHYS 205	Physics of Renewable Energy
SOC 314	Social Class and Inequality

¹ Must take either GEOG 178 or BIOL 180 as the gateway course as a prerequisite to BIOL 328.

² CHEM 103 and CHEM 104 may be used in lieu of CHEM 115 but only six credits may be counted toward the minor from these courses.

Note 1: Credits from other courses may be applied as electives, pending adviser and college approval, when they focus specifically on environmental topics. Examples of such courses include: CHEM 100, Hnrs courses, IDIS 151-IDIS 155, IDIS 351-IDIS 355, NRSNG 255, and WRIT 114, WRIT 116, WRIT 118, WRIT 120. Also, various departments may offer special topics courses, directed studies courses, independent study courses, and/or internships that may also apply.

Note 2: For students pursuing a standard major in Geography, a maximum of 12 credits from the major may be applied to the minor.

Environmental Public Health, Comprehensive Major

(Code 640-001)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
	Obtain admission to the degree program and/or the College offering it.	
	Apply for graduation on CampS.	

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate

will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
	Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal		
	Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
	One S1 must meet the University Writing Requirement (p. 49)	
	Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
	One S2 to meet the University Mathematics Requirement (p. 49)	
	Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal		
	Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
	One R1 must satisfy Design for Diversity (p. 49)	
	Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
	Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal		
	Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal		
	Service-Learning (p. 49)	30 hours

College Degree Requirements

Bachelor of Science in Environmental Public Health

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and

total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Science in Environmental Public Health Degree in the College of Arts and Sciences (B.S.E.P.H.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work).

Major Requirements

Advisers: J. Boulter, K. Mumford, C. Pierce, D. Soll, L. Suppes.

The field of environmental public health is composed of individuals whose professional efforts are directed toward controlling environmental health hazards, and preserving and improving environmental factors for the achievement of optimum health, safety, comfort, and well-being. An appreciation for cultural values that impact human environmental health complements courses that provide students with the educational background necessary for employment in regulatory agencies and industries concerned with environmental quality and the public's health. This comprehensive major includes both foundation classes in biology, chemistry, physics, and mathematics, and specialized courses in environmental and public health, such as food and water sanitation, industrial hygiene, and environmental toxicology.

Mission

The Environmental Public Health (ENPH) major provides undergraduate students with a comprehensive understanding of science and its application to protect human environmental health. The degree prepares students for careers as Environmental Health Professionals and safety specialists, integrating a scientific background, technical skills, and professional ethics.

Goals

The ENPH major strives to prepare graduates with the knowledge, awareness, and skills to:

1. Understand the natural world through applied chemistry, biology, physics, and mathematics;
2. Identify short- and long-term hazards to human and environmental health through critical thinking;

3. Serve the public by addressing human health risks through research, communication and intervention;
4. Identify and address cross-cultural, economic, and technological barriers to serving public health interests; and
5. Demonstrate professional ethics, values, and responsibility in all areas of practice.

Scholarships

Several scholarships are available to students in the ENPH major. Additional information may be obtained from the faculty or by visiting the Financial Aid Website. Students are invited to participate in the Student National Environmental Health Association, the goal of which is to improve the health and well-being of people by focusing on environmental public health issues and to provide students an introduction to professional organizations.

Internship

An internship or practical experience is an integral part of the Environmental Public Health major, and an important component of preparation for career or graduate school. This off-campus practicum is a full-time work experience with a health-related agency or industry, typically taken during the summer between the junior and senior year.

Bachelor of Science in Environmental Public Health (B.S.E.P.H.)

The B.S.E.P.H. degree is accredited by the National Environmental Health Science and Protection Accreditation Council. The degree prepares the recipient to take the National Environmental Health Association exam for the Registered Environmental Health Specialist/Registered Sanitarian credential.

ENPH Major Requirements

Minimum sixty-two semester credits, including:

Core Science Courses (included in the ENPH Major Designation)

BIOL 221	Foundations of Biology I	4
BIOL 151	Biology of Humans	4
CHEM 213	Quantitative Analysis	4
CHEM 325	Organic Chemistry I with Laboratory	4

And select one of the following two courses:

BIOL 306	Infectious Disease Ecology	3
BIOL 361	Biology of Microorganisms	5

Elective: One course selected from:

ENPH 115	Global Environmental and Public Health	3
ENPH 225	Introduction to Public Health	3
ENPH 291	Special Topics	1-3
GEOG 135	Introduction to Geospatial Analysis	3
GEOG 178	Conservation of the Environment	3
BIOL 180	Environmental Biology and Conservation	3

Core ENPH Courses (field trips required in some courses)

ENPH 110	Introduction to Environmental Health	3
ENPH 322	Radiological Health	3
ENPH 432	Preparation for Practicum	2
ENPH 435	Practicum in Environmental Public Health	2-4
ENPH 441	Water and Wastewater	3
ENPH 443	Microbial Safety of Food	4
ENPH 445	Hazardous and Solid Waste Management	3
ENPH 450	Epidemiology	3

ENPH 460	Fundamentals of Industrial Hygiene	3
ENPH 464	Occupational Safety Management	3
ENPH 476	Vector-Borne Disease Control	3
GEOG/ENV 377	U.S. Environmental and Sustainability Policy	3
ENPH 490	Environmental Toxicology and Risk Assessment	3
Other requirements outside the major		
MATH 108	Earth Algebra	
or		
MATH 109	Algebra for Calculus	
or		
Competency to enter MATH 111 A Short Course in Calculus		
MATH 246	Elementary Statistics	4
CHEM 103	General Chemistry I	4
CHEM 104	General Chemistry II	4
PHYS 211	General Physics	5
PHYS 212	General Physics	4
Electives: One course selected from:		
ECON 268	Environmental Economics	
GEOG/ENV 378	International Environmental Problems and Policy	
CJ 307	Small Group Communication	
PHIL 306	Ethics of Health Care	
PHIL 320	Environmental Ethics	
POLS 346	Public Policy in the United States	

Satisfactory/Unsatisfactory Policy

The only credits that may be earned under the Satisfactory/Unsatisfactory option are for Independent Study. S/U credits may not total more than three.

Internship

An internship or practical experience is a requirement for the B.S.E.P.H. degree. Typically between the junior and senior year, each student is required to enroll in four credits of summer practicum (ENPH 435) and pay fees to the University. Students anticipating enrollment in the practicum should notify the Environmental Public Health faculty no later than February 1, and enroll in ENPH 432 the spring semester prior to their summer practicum.

Environmental Science, Minor

Liberal Arts (Code 155-400)

Advisers: P. Ihinger (Geology), P. Kleintjes Neff (Biology), K. Mumford, G. Running (Geography and Anthropology), E. Weiher (Biology).

This multidisciplinary liberal arts minor is created primarily for Arts and Sciences students with interests in the environmental sciences and conservation of biological diversity. The minor emphasizes the study of environmental issues and techniques, ecology and conservation, and water and earth resources, and is designed to complement a 36-credit standard major, e.g., Biology, Liberal Arts or Political Science, Liberal Arts. Comprehensive major environmental science programs include the Geography and Anthropology Department Resource Management Comprehensive Major, the Geology Department Environmental Science Comprehensive Major, the Biology

Department Ecology and Environmental Biology Comprehensive Major, and the Environmental Public Health Comprehensive Major.

The minor consists of a minimum of 24 credits from the list of courses in categories below with at least 11 credits at the 300 level and higher. Credits from other courses may also be applied as electives, pending adviser and college approval, when they focus specifically on environmental topics. This includes special topics, directed studies, independent studies, and/or internships. Applicable environmental courses offered through International Study Abroad or National Student Exchange may also be taken with consent of an adviser.

Twenty-four semester credits, including:

Required:		
BIOL 180	Environmental Biology and Conservation	3
or GEOG 178	Conservation of the Environment	
One or more of the following life sciences courses (min. 3 crs):		
BIOL 321	Ecology	3
BIOL 328	Conservation Biology	4
BIOL 330	Population and Community Ecology	4
BIOL 338	Vegetation Ecology	4
BIOL 336	Terrestrial Ecology	4
BIOL 376	Aquatic Ecology	3-4

Two or more of the following physical science courses (min 6 crs):

CHEM 304	Environmental Chemistry	3
GEOG 304	Introduction to Geomorphology	4
GEOG 361	Environmental Hazards	3
GEOL 115	Environmental Geology	4
or GEOG 104	The Physical Environment	
GEOL 304	Global Environmental Change	3
GEOL 308	Water Resources	3
GEOL 315	Hydrogeology I	4
GEOL 336	Introduction to Geochemistry	3

One or more of the following health, humanities, or social science courses (min 3 crs):

ECON 268	Environmental Economics	3
ENPH 110	Introduction to Environmental Health	3
ENV/GEOG 377	U.S. Environmental and Sustainability Policy	3
GEOG 270	Land Use Issues and Problems	3
GEOG/ENV 378	International Environmental Problems and Policy	3
PHIL 320	Environmental Ethics	3

Two or more of the following techniques courses (min 6 crs):

BIOL 383	Statistical Analysis of Biological Data	3
ENPH 441	Water and Wastewater	3
GEOG 280	Cartographic Design	3
GEOG 335	Geographic Information Systems I	3
GEOG 336	Geospatial Field Methods	3
GEOG 338	Remote Sensing of the Environment	3
GEOG 350	Soils and the Environment	4
GEOG 363	Watershed Analysis	4

GEOG 364	Fluvial Processes and Landforms	4
GEOG 370	Quantitative Methods in Geography	3
A field capstone (min 1 cr):		
BIOL 320	Studies in Tropical Environments	3
BIOL 329	Biological Field Experiences and Service-Learning Capstone	1-2
BIOL 490	Biological Field Studies	1-4
GEOL 303	Rocky Mountain Field Studies	3
GEOL 343	Geological Field Excursion	1-2
GEOL 470	Field Geology I	3

Note: For students pursuing standard majors in Biology or Geography, a maximum of 12 credits from the major may be applied to this minor.

Women's Studies

Hibbard Humanities Hall 384
715-836-5717
www.uwec.edu/wmns

The Women's Studies program coordinates teaching, research and scholarship in the field of Women's Studies. It is a discipline in its own right that also draws from many other fields of study. Enacted as a discipline, the Women's Studies program is a site of both scholarly inquiry and social change and activism. A unique academic program, Women's Studies incorporates praxis—practice that is informed by feminist theory and gendered analyses. Courses in Women's Studies are taught with feminist pedagogical techniques and from feminist theoretical perspectives, and they integrate theory with activism whenever possible.

Women's Studies students learn to think critically about the intersections of sex, gender, and sexualities with other hierarchies of power and privilege such as ability, age, class, ethnicity, nationality, and race. Students also learn to make important connections between their learning, their own lives, and the globally interconnected world. As engaged citizens, Women's Studies students advocate for gender and other forms of social justice both on campus and in the larger community.

All majors and minors participate in a final capstone experience, the "Social Justice Practicum" (WMNS 496), where they work closely with a community partner to develop and implement a plan of action or research. There are also internship and volunteer opportunities for Women's Studies students on campus (e.g. Women's and LGBTQ Resource Center, Center for Awareness of Sexual Assault, and the Vagina Monologues) and in the local community (e.g. Bolton Refuge House, Wisconsin AIDS Resource Center, the Eau Claire County DA's Office Victims Assistant programs, and local women's magazines). In addition, Women's Studies offers several courses conducted as domestic and international cultural immersion experiences.

Upon graduating, Women's Studies majors pursue a range of careers, including health, social, and human services, public policy, community education, and the non-profit sector. They are also well prepared for graduate studies in Women's Studies and other fields.

Faculty

Rose-Marie Avin, Program Director

Audrey Fessler

Majors

- Major: Women's Studies, Liberal Arts - B.A./B.S. (p. 424)

Minors

- Minor: Women's Studies, Liberal Arts (p. 426)

Certificates

- Certificate: Women's Studies (p. 424)
- Certificate: LGBTQ Studies (p. 423)

LGBTQ Studies, Certificate

(Code 486-602)

The **Certificate in LGBTQ Studies** provides students with a flexible option for completing a concentration in LGBTQ issues, and for formally denoting on their transcript this area of expertise in their academic training.

Currently enrolled degree-seeking students in good standing in the university and University Special Students will be eligible to complete the certificate in LGBTQ Studies. Note: Courses cannot be counted in both the major and the certificate program.

For students pursuing the Women's Studies Major and the LGBTQ Certificate as their first and second degree programs to meet graduation requirements, no course may be counted in both the major and the certificate.

Students are required to take a minimum of 12 credits, including:

WMNS 206	Perspectives in LGBTQ Studies	3
WMNS 406	Queer Theories and Sexual Politics	3
The remaining 6 credits are to be selected from:		6
WMNS 308	Topics in LGBTQ Studies	
WMNS/HIST 313	Gender, Sex, and Science in European History	
WMNS/PSYC 336	Psychology of Women	
WMNS 422 & WMNS 431	Women's Studies Advanced Travel Seminar and Women and Communication (only when offered as "LGBTQA Francisco Travel Seminar")	
SOC 426	Sociology of Sexualities	

Special topics, internships, and umbrella courses with a focus on LGBTQ and/or sexualities issues with approval of the Women's Studies Program Director.

NOTE: Though there are no prerequisites for the Certificate in LGBTQ Studies, there may be prerequisites for some of the courses that are a part of the Certificate.

For advising, contact the Women's Studies Program.

Women's Studies, Certificate

(Code 486-601)

The **Certificate in Women's Studies** is designed for students who have a strong interest in studying women through a feminist analysis but are not able to complete the requirements for a major or minor in Women's Studies. The certificate might appeal to those students who have limited opportunity to explore academic areas beyond their major discipline.

Currently enrolled degree-seeking students in good standing in the University or University Special Students are eligible to complete a Certificate in Women's Studies. Note: Courses cannot be counted in both the major and the certificate program.

Students are required to take a minimum of 12 credits, including:

WMNS 101	Engaging Women's Studies	1
WMNS 200	Introduction to Feminist Theories	3
WMNS 301	Examining Women's Studies	3
The remaining five credits are to be selected from either WMNS courses or courses cross-listed with WMNS.		5

Note: Though there are no prerequisites for the Certificate in Women's Studies, there may be prerequisites for some of the courses that are a part of the Certificate.

For advising, contact the Women's Studies Program.

Women's Studies, Major

Liberal Arts (Code 486-201)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal	
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal	
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal	
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal	
Service-Learning (p. 49)	30 hours

College Degree Requirements

Bachelor of Arts or Bachelor of Science Degree (B.A./B.S.)

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (p. 46).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in the major, the minor, and the certificate. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor and the certificate are computed similarly.

Major-Minor and Major-Certificate Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits) or by a certificate (12 to 18 credits) to meet graduation requirements for completing a first and second degree program. No minor or certificate is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Acceptable academic program combinations are determined at the college level. A major and a minor or a major and certificate or two majors (if available) may not be elected in the same department or program, except in the approved combinations listed here (p. 52).

College Credits. Earn at least 90 credits in courses offered by the College of Arts and Sciences.

Bachelor of Arts Degree in the College of Arts and Sciences (B.A.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); foreign language competency at the 102 level. Foreign language competency may be met in one of two ways: (1) Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language. (2) Earn a grade of at least C (not C-) or a mark of 5 in a 102-level foreign language course (or AIS 112 or AIS 122 / LANG 122 or CSD 103).

Bachelor of Science Degree in the College of Arts and Sciences (B.S.)

Fulfillment of all University Graduation Requirements (which includes the Liberal Education Core); all College-level degree requirements (major and minor/certificate emphases, GPAs, earning at least 90 credits in Arts and Sciences course work); mathematics competency at the MATH 111, MATH 112 or MATH 113 level. Mathematics competency can be met in one of three ways: (1) Achieve a score on the mathematics placement test that qualifies the student to enter MATH 114. (2) Earn a grade of at least C (not C-) or a mark of 5 in MATH 111, MATH 112, or MATH 113. (3) Achieve a satisfactory score on the MATH 112 competency test. This test may be attempted no more than two times.

Major Requirements

The major consists of 36 semester credits, including:

Required Core: 19 credits		
WMNS 100	U.S. Women's Experience: Gender, Race, and Class	3
or WMNS 301	Examining Women's Studies	
WMNS 101	Engaging Women's Studies	1
WMNS 200	Introduction to Feminist Theories	3
WMNS 250	Feminist Research Methodologies	3
WMNS 422	Women's Studies Advanced Travel Seminar (only if an International Experience and with the consent of the Women's Studies Program Director)	3
or WMNS 335	Transnational/Global Feminisms	
WMNS 490	Feminist Analysis and Practices: Interdisciplinary Themes	3
WMNS 496	Capstone: Social Justice Practicum	3
WMNS Electives (6 credits from the following): 6		
WMNS 206	Perspectives in LGBTQ Studies	
WMNS 210	Culture of Third Wave Feminism	
WMNS 215	African-American Feminism in the Humanities	

WMNS 222	Women's Studies Introductory Travel Seminar	
WMNS 260	Masculinity Studies and Feminist Theories	
WMNS 301	Examining Women's Studies (if taken after WMNS 101)	
WMNS 308	Topics in LGBTQ Studies	
WMNS 310	Women and Violence	
WMNS 375	Ecofeminism - Women's Studies and Environmental Justice	
WMNS 380	Women and Artifacts	
WMNS 406	Queer Theories and Sexual Politics	
WMNS 422	Women's Studies Advanced Travel Seminar	
WMNS 431	Women and Communication	
WMNS 432	Women and Science	
WMNS 433	Women and Social Science	
WMNS 434	Women and the Humanities	
WMNS 498	Women's Studies Internship	
Additional Electives: from WMNS Electives or courses cross-listed with WMNS		11
At least 12 credits in the major must be earned from courses at the 300-400 level (required courses may be used to meet this requirement).		12

Women's Studies, Minor

Liberal Arts (Code 486-401)

The Women's Studies minor offers students important interdisciplinary and multidisciplinary perspectives on women's lives. It complements majors in Arts and Sciences, Business, Education and Human Sciences, and Nursing and Health Sciences.

A minimum of 24 semester credits, including:

Required Core: 19 credits

WMNS 100	U.S. Women's Experience: Gender, Race, and Class	3
or WMNS 301 Examining Women's Studies		
WMNS 101	Engaging Women's Studies	1
WMNS 200	Introduction to Feminist Theories	3
WMNS 250	Feminist Research Methodologies	3
WMNS 490	Feminist Analysis and Practices: Interdisciplinary Themes	3
WMNS 496	Capstone: Social Justice Practicum	3

Required:

WMNS 335	Transnational/Global Feminisms	
OR		
WMNS 422	Women's Studies Advanced Travel Seminar (only if an International Experience and with the consent of the Women's Studies Program Director)	

Electives

Select five credits of electives in WMNS courses or courses cross-listed with WMNS	5
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College of Business

Timothy S. Vaughan, Interim Dean (Schneider 110)

Gretchen A. Hutterli, Assistant Dean-Development and Marketing (Schneider 113)

Robert C. Erffmeyer, Director, MBA Program and Undergraduate Distance Learning Program (Schneider 215)

Douglas Olson, Director, Center for Health and Aging Services Excellence (Schneider 226C)

Alyssa Slaby, Career and Employment Adviser, Career Services (Schofield 230)

Additional information about the College of Business can be found on the college's website (<http://www.uwec.edu/academics/college-business>).

College of Business Vision and Mission

Our Vision

To be a leading regional College of Business recognized for our innovative teaching, distinctive academic programs and value-added educational experiences.

Our Mission

"The College of Business prepares students for success"

Students completing a degree program are prepared to achieve success, whether their next step is employment in their chosen field, graduate study, not-for-profit work, a new career or a new direction for their current career. Our undergraduate and graduate curricula are designed to provide students with the content knowledge and skills needed to achieve success throughout their careers and lives.

Undergraduate Learning Goals

The College of Business curriculum builds on and enhances the campus liberal education core curriculum. The curriculum provides a broad-based exposure to the functional areas of business through the Business Core (BUSCORE). The various majors provide depth of study within a specific business function. Additionally, the curriculum is designed to provide repeated exposure and mastery of three focused learning goals which are critical to student success:

- Oral and written communication skills
- Teamwork
- Problem solving skills

Student Classification

Students may declare a major or minor in the College of Business upon admission to the university. Students may also declare "COB Undecided" status if they intend to major in the College of Business, or are highly considering a College of Business major, but have not yet decided what that major will be.

Dean's List

Students in the College of Business who have an outstanding record of academic accomplishment are eligible for the Dean's List. In order to earn Dean's List standing during a given semester, students must have the following:

- Earned a minimum of 12 credits during the semester, not including incompletes, courses below the 100 level, repeats, and Satisfactory/Unsatisfactory registrations (except in courses that are offered only on the S/U grading system in which a grade of S has been earned).

- Earned a minimum semester GPA of 3.60.

Dean's List students will receive a letter of notification and congratulations from the Dean.

College of Business Laptop Computer Requirement

Select courses offered in the College of Business require students to bring a laptop computer to class. Additional information is available on the College of Business website (<http://www.uwec.edu/academics/college-business/admission-requirements/laptop-requirements.cfm>).

Experienced-Based Learning

Business students can broaden their education and gain additional skills and competencies through participation in learning experiences outside of the traditional classroom. The College of Business encourages students to participate in one or more of the following experience-based learning opportunities.

College of Business Internships

All College of Business undergraduate students are encouraged to participate in an internship during their course of studies. College-approved internships may be taken for credit, or as a transcribed non-credit activity. Credit internships generally involve a greater degree of faculty/staff oversight, and/or peer interaction during the internship experience. This may take the form of internship site visits, online internship class discussions, faculty feedback on student journals, etc.

General Internship Requirements

To be approved as a for-credit or transcribed non-credit internship in the College of Business, the following minimum criteria must be satisfied:

- Students are expected to have relevant work assignments that provide value to the hosting organization, while engaged in college-level learning experiences.
- Accordingly, and in compliance with the Fair Labor Standards Act, internships at "for profit" private sector organizations must offer at least the minimum wage, and overtime compensation for hours worked over 40 in a workweek. Department of Labor interpretation of FLSA currently permits unpaid internships in public sector and non-profit charitable organizations, where the intern volunteers without expectation of compensation.
- The employer must designate and provide contact information for an internship supervisor. The supervisor will provide mentoring and guidance during the internship, and will submit an evaluation of student performance at the end of the internship.
- A transcribed, non-credit internship must provide (at a minimum) hours worked satisfying the requirements for a one credit internship. See "Credit-Bearing Internships" below.

Students should contact their respective major department offices in the College of Business for additional, department-specific requirements and procedures regarding internship credit and transcribing.

Internship Procedures

- Students are encouraged to utilize campus resources such as Career Services, fall and spring Career Conferences, student organizations, and other sources to secure internship employment opportunities.
- The internship must be approved by the student's major department chair or chair's designee prior to the work experience.

- If the internship is to be completed for university credit (see below), the student must register for the appropriate internship course prior to the work experience.

Credit-Bearing Internships

Note: Credit internship registration is required for the internship to qualify as “Full Time Equivalent Enrollment Status (p. 39).” The number of credits a student may earn in a for-credit internship depends on the number of hours worked during the semester in which the internship course registration occurs:

Full time employment: For an internship that employs a student **36 to 40 hours per week**,

- Employment for 10 or more weeks within the semester qualifies for at most 3 internship credits
- Employment for 7-9 weeks within the semester qualifies for at most 2 internship credits
- Employment for 4-6 weeks within a semester qualifies for at most 1 internship credit

Part-time employment: For an internship that employs a student **10-35 hours per week**, the internship typically qualifies for at most **one credit per 150 hours worked**.

Students who are interested in the Business Internship Program should contact their department chair within the College of Business or the Career and Employment Adviser, Schofield 230, 715-836-5358. Additional information is available on the College of Business website (<http://www.uwec.edu/academics/college-business/academic-resources/internships>).

International Education

The College of Business faculty strongly encourage all business students to study abroad and/or complete an international internship. In today's business world there are no longer hundreds of isolated markets but rather many very interconnected markets within a global economy. Chances are high that a student majoring in business will end up in a career which will require knowledge and skills needed for operating effectively in the international markets. Employers are looking for individuals who demonstrate self-confidence, independence, global awareness, and knowledge of a multicultural world. To help students gain these skills and competencies, many opportunities exist for them to study outside of the United States. Additional information about study abroad programs is available on the Center for International Education website (<https://www.uwec.edu/cie/studyabroad/index.cfm?FuseAction=Abroad.Home>).

Service-Learning Experience

Business students can apply the functional knowledge and communication skills gained in the classroom through service in the community. Service-learning is an academic experience that combines community services with intentional learning goals, reflection, and critical analysis. It offers students the opportunity to apply knowledge gained in the classroom through service to others. All UW-Eau Claire undergraduates are required to complete 30 or more clock hours of curricular, extracurricular, or co-curricular service-learning. Acceptable activities can take many forms. Service-learning activities may be integrated into a course or may involve participation in a community service program or internship. Service-learning projects are typically unpaid. Information regarding the completion of the service-learning requirement can be obtained from the College of Business website (<http://www.uwec.edu/academics/college-business/academic-resources/service-learning>), department chairpersons, or the University's Service-Learning website (<http://www.uwec.edu/sl>).

Faculty/Student Collaborative Research

Business students can gain functional knowledge and practice communication and teamwork skills by working with a faculty member on an academic research project. Research projects are presented at the University's annual Student Research Day. Students may gain independent study credit for the experience. This opportunity is particularly beneficial for students considering graduate school. Additional information about faculty/student collaborative research experiences is available from the Office of Research and Sponsored Programs (<http://www.uwec.edu/ORSP>).

Business Student Organizations

Pre-business and business students can apply the knowledge and skills learned in the classroom through active participation in student business organizations. Members network with professionals, go on field trips to businesses, plan meetings, organize fund-raising events, participate in social occasions, attend regional and national conferences, and build lasting friendships with other business students. Additional information is available on the College of Business website (<http://www.uwec.edu/academics/college-business/academic-resources/student-organizations>).

College of Business Scholarships

Refer to the College of Business website (<http://www.uwec.edu/academics/college-business/academic-resources/scholarships>) for an up-to-date listing of College of Business scholarships or contact the Assistant Dean—Development and Marketing of the College of Business, Schneider 113

Special Course Options

Access to Business Courses for Non-Business Majors.

The Management and Marketing Department (College of Business) and the Communication and Journalism Department (College of Arts and Sciences) have identified specific business courses which are appropriate for students pursuing a Communication major. For additional information about this arrangement or other opportunities for students pursuing a non-business degree, contact the Management and Marketing department chair.

Credit by Examination. Each department within the College of Business has established its own policy with respect to credit by examination. Contact the appropriate department chair for additional information.

Independent Study. Students who wish to undertake an independent study project must demonstrate academic capability and must secure, prior to registering, the consent of the chair of the department offering the independent study and the faculty member directing the study.

For further information, contact the appropriate College of Business department chair.

Master of Business Administration Graduate Degree Program

The UW - Eau Claire College of Business is a member and managing partner of the University of Wisconsin System Consortium MBA program. This online MBA program is designed to give students a broad practical understanding of business and the dynamic global environment in which it operates. Students in the program develop the skills and entrepreneurial spirit needed to manage change and recognize the opportunities it creates. In addition, students learn guidelines for evaluating situations in an ethical and socially responsible manner.

Additional information can be found in the Graduate Catalog, as well as the College of Business website (<http://www.uwec.edu/academics/college-business/graduate-programs>).

Degrees and Curricula

Bachelor of Business Administration (BBA)

Comprehensive Majors:

- Accounting (p. 431)
- Business Economics (p. 199)
- Business Finance (p. 434)
- Health Care Administration (p. 444)
- Information Systems (p. 438)
- International Business (p. 449)
- **Management:**
 - Entrepreneur Program (p. 453)
 - General Management (p. 457)
 - Human Resource Management (p. 455)
 - Operations and Supply Chain Management (p. 460)
- **Marketing:**
 - General Marketing (p. 462)
 - Marketing Analytics (p. 464)
 - Professional Sales (p. 466)

Bachelor of Business Administration (BBA)

Standard Major:

- Business Administration (p. 442)

Undergraduate Business Minors:

- Accounting (p. 433)
- Audit and Control (p. 434)
- Business Administration (p. 444)
- Business Finance (p. 436)
- Entrepreneurship (p. 444)
- Information Systems (p. 440)
- International Business (p. 452)
- Management (p. 459)
- Marketing (p. 465)

All of the above minors are available to students outside of the College of Business. Course prerequisites should be taken into account when planning a minor area of study.

Approved Double Major and Major/Minor Combinations Within a Single Department in the College of Business

Double Major Combinations Within a Single Department:

- Accounting with Business Finance
- Health Care Administration with any Management or Marketing emphasis
- Any Management emphasis with any Marketing emphasis
- International Business with Healthcare Administration, any Management emphasis, or any Marketing emphasis

Major/Minor Combinations Within a Single Department

- Accounting major with Audit and Control minor
- Accounting major with Business Finance minor
- Business Administration major with Entrepreneurship minor¹
- Business Administration major with International Business minor¹
- Business Administration major with Marketing minor¹

- Business Finance major with Accounting minor
- Health Care Administration major with Entrepreneurship minor
- Health Care Administration major with Management minor
- Health Care Administration major with Marketing minor
- Any Management emphasis major with Marketing minor
- Any Management emphasis major (with the exception of the Entrepreneurship emphasis) with Entrepreneurship minor
- Any Marketing emphasis major with Management minor
- Any Marketing emphasis major with Entrepreneurship minor

¹Students may declare this major/minor combination but the minor does not satisfy university academic concentration requirements (p. 49).

Residency Requirements for College of Business Minors

At least 12 credits used to fulfill the requirements of a minor from the College of Business must be earned in residence. Resident credits do include credits earned through the National Student Exchange program and U.W. - Eau Claire study abroad programs.

College of Business Certificate Programs

College of Business certificate programs listed below may be used to satisfy university academic concentration requirements (p. 49). Certificate programs may also be used to enhance or complement a student's major or minor program.

Advanced Business Communication Certificate (p. 436)

Entrepreneurship Certificate (p. 444)²

Information Systems Certificate (p. 438)

International Business Certificate (<http://catalog.uwec.edu/undergraduate/business/%20undergraduate/business/management-marketing/international-business-certificate>)²

Leadership Studies Certificate (p. 453)²

²Certificate does not satisfy university academic concentration requirements (p. 49) in combination with the Business Administration major.

Bachelor of Business Administration Degree Requirements

Credits for Graduation

All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48 credit requirement.

Student Professional Development Program

All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. **Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300 level courses in the College of Business Core, and need to be completed prior to registration for those courses.**

The program consists of four workshops: Becoming a Business Professional, Professional Appearance, Developing your Professional Profile, and

Professional Etiquette. For more information, visit the College of Business website (<http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program>).

Grade Point Requirements

Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 431) and Health Care Administration (p. 444).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student's major or business minor.

Accounting and Finance

Schneider Social Science 400a

715-836-2184

www.uwec.edu/acctfin (<http://www.uwec.edu/acctfin>)

Accounting is the field of study which focuses on developing and providing financial information about businesses, including information about the cost of products manufactured or services provided, and about governmental and not-for-profit organizations. This information is used by internal and external decision makers and other stakeholders of the organization. The accounting program is designed to provide the student depth of knowledge in accounting and business, and to help develop communication, interpersonal, and critical thinking skills. These skills are highly valued by organizations seeking to employ accountants. Careers in accounting include public accounting, financial accounting, managerial accounting, internal auditing, and tax accounting.

Finance is the field of study which focuses on managing the finances of firms, financial institutions, and individuals. Careers in finance include corporate financial officer, banker, stockbroker, financial analyst, portfolio manager, investment banker, financial consultant, and personal financial planner.

The Department of Accounting and Finance offers a 60-credit comprehensive major in Accounting. The Department also offers a 60-credit comprehensive major in Finance. Minors in Accounting, Audit and Control, and Finance are also available.

Department of Accounting and Finance Scholarships

Refer to the College of Business website (<http://www.uwec.edu/academics/college-business/academic-resources/scholarships>) for an up-to-date listing of Department of Accounting and Finance scholarships, or contact the department chairperson, Schneider 400A.

Departmental Honors Programs

Departmental Honors Program in Accounting

Objectives:

1. To provide outstanding students in accounting with opportunities for academic enrichment and challenge beyond usual course coverage and requirements.
2. To encourage more faculty-student scholarly interaction, including research collaboration.
3. To encourage and allow outstanding students to pursue projects that require an understanding of relationships between different areas of accounting.

Eligibility:

Upper-class accounting majors with resident, overall, and major GPAs of 3.50 or higher. Completion of ACCT 302.

Procedure:

Students will be invited to apply for participation in the Departmental Honors Program by instructors during a student's enrollment in ACCT 302 or by a faculty adviser after completion of Accounting 302. Students may apply without an invitation from a faculty member, but must obtain a letter of support from a faculty member. An application must be submitted to the department chair. The application should be submitted prior to the student's last two semesters of study. The application form should outline the student's plan to complete department honors.

Requirements:

At graduation, the student must have resident, overall, and major GPAs of 3.50 or higher. In addition, the student must submit evidence that two of the following have been satisfactorily completed:

1. Participation in a faculty/student collaborative accounting research project,
2. Presentation of a research project off campus (at a conference),
3. Completion of an accounting project designed and executed under the guidance of an accounting faculty member (may include projects for community members or local companies),
4. Completion of an internship in accounting, or
5. Acceptance of an accounting paper in a peer-reviewed journal.

Departmental Honors Program in Finance**Objectives:**

1. To provide outstanding students in finance with opportunities for academic enrichment and challenge beyond usual course coverage and requirements.
2. To encourage more faculty-student scholarly interaction, including research collaboration.
3. To encourage and allow outstanding students to pursue projects that require an understanding of relationships between different areas of finance.

Eligibility:

Upper-class finance majors with resident, overall, and major GPAs of 3.50 or higher. Completion of FIN 320.

Procedure:

Students will be invited to apply for participation in the Departmental Honors Program by instructors during a student's enrollment in FIN 321 and/or FIN 322 or by a faculty adviser after completion of FIN 321 and/or FIN 322. Students may apply without an invitation from a faculty member, but must have a letter of support from a faculty member. An application must be submitted to the department chair. The application should be submitted prior to the student's last two semesters of study. The application form should outline the student's plan to complete department honors.

Requirements:

At graduation, the student must have resident, overall, and major GPAs of 3.50 or higher. In addition, the student must submit evidence that two of the following have been satisfactorily completed:

1. Participation in a faculty/student collaborative accounting research project,
2. Presentation of a research project off campus (at a conference),
3. Completion of a finance project designed and executed under the guidance of a finance faculty member (may include projects for community members or local companies),
4. Completion of an internship in finance,
5. Completion of the first exam for the CFA exam with a passing score, or
6. Acceptance of a finance paper in a peer-reviewed journal.

Faculty

Rajarshi Aroskar, Chair

Mark Alfuth
Matthew Fish
Ling Liu
William Miller
William Ogden
Aimee Pernsteiner
DeeAnne Peterson

Pedro Sottile
Brenda Thalacker
Ingrid Ulstad

Majors

- Comprehensive Major: Accounting - B.B.A. (p. 431)
- Comprehensive Major: Business Finance - B.B.A. (p. 434)

Minors

- Minor: Accounting (p. 433)
- Minor: Audit and Control (p. 434)
- Minor: Business Finance (p. 436)

Accounting, Comprehensive Major

(Code 720-006)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate

will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
a minimum of 36 credits		
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences	
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences	
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences	
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience	
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences	
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience	
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences	
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences	
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences	
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences	
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences	
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

Bachelor of Business Administration Degree Requirements

Credits for Graduation

All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48 credit requirement.

Student Professional Development Program

All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. **Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300 level courses in the College of Business Core, and need to be completed prior to registration for those courses.**

The program consists of four workshops: Becoming a Business Professional, Professional Appearance, Developing your Professional Profile, and Professional Etiquette. For more information, visit the College of Business website (<http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program>).

Grade Point Requirements

Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 431) and Health Care Administration (p. 444).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student's major or business minor.

Major Requirements

This major provides an all-inclusive program which will enable the graduate to pursue entry-level accounting positions. Graduates with this major are eligible to take the examinations for the Certified Public Accountant (CPA), Certified Management Accountant (CMA) and Certified Internal Auditor (CIA) designations.

150-Hour Requirement

Many states (including Wisconsin and Minnesota) accept a baccalaureate degree of at least 120 university credits, with a major in accounting, as qualification to sit for the CPA exam. All licensing jurisdictions, including Wisconsin and Minnesota, require 150 semester hours of university credit to earn CPA licensure. To meet the 150 semester hour requirement, students have options at the undergraduate level including a second major, adding a minor, or completing one of the undergraduate certificates.

Many employers of entry-level accountants require 150 credits of accounting course work, including an accounting major. Students should work closely with their faculty advisers to determine the best course of study to reach their educational and career goals.

Proficiency Requirements

Proficiency requirements include basic prerequisite courses and/or entry level competencies for the major. These are not counted as credits in the major.

Code	Title	Credits
ECON 103	Principles of Microeconomics	3
ECON 104	Principles of Macroeconomics	3
MATH 109	Algebra for Calculus ¹	4

MATH 246	Elementary Statistics	4
or MATH 245	Introduction to Statistics	

¹ MATH 109 or beyond, or competency to enter MATH 111

The BUSCORE

The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

Code	Title	Credits
BUSCORE Courses		
ACCT 201	Principles of Accounting I	3
BCOM 206	Business Writing ¹	2
BCOM 207	Business Presentations ²	2
IS 240	Information Systems in Business	3
BSAD 300	Diversity in the Workplace	1
BSAD 305	Legal and Regulatory Environment	2
FIN 320	Principles of Finance	3
MKTG 330	Principles of Marketing	3
MGMT 340	Organizational Behavior	3
MGMT 341	Operations Management	3
MGMT 449	Strategic Management in a Global Business Environment ³	3
Total Credits		28

¹ Students who earn less than a B- (B minus) in BCOM 206 must complete BCOM 216 with a grade of C or above.

² Students must earn a B- (B minus) or higher in BCOM 207.

³ MGMT 449 is a capstone course that requires prior completion of all other BUSCORE courses. This prerequisite is strictly enforced.

Accounting Major

Sixty semester credits, including the 28 credit BUSCORE plus 32 additional credits as follows:

Accounting Core Courses		24
ACCT 202	Principles of Accounting II	3
ACCT 301	Intermediate Accounting I	3
ACCT 302	Intermediate Accounting II	3
ACCT 313	Auditing	3
ACCT 314	Cost Accounting	3
ACCT 321	Introduction to Income Tax	3
ACCT 401	Advanced Financial Accounting	3
ACCT 460	Accounting Information Systems and Technology	3
Accounting Electives - Select from the following:		8
ACCT 305	Environmental and Sustainability Accounting	
ACCT 404	Income Tax Assistance	
ACCT 405	International Accounting	
ACCT 410	Investment and Retirement Plan Accounting	
ACCT 415	Advanced Auditing and Consulting	

ACCT 417	Governmental and Nonprofit Organization Accounting	
ACCT 420	Fraud Investigation and Prevention	
ACCT 423	Advanced Tax Accounting	
ACCT 425	Ethics in Accounting	
ACCT 430	Accounting Systems	
ACCT 435	Advanced Accounting Systems and IT Auditing	
ACCT 444	Profit Management and Budgetary Control	
ACCT 450	Financial Statement Analysis	
ACCT 495	Accounting Internship II ¹	
ACCT 449	Accounting Theory and Research	
BSAD 306	Business Law	

¹ ACCT 495 may be repeated for up to 5 total credits. No more than 3 credits can be earned within a single semester.

Grade Requirements

Accounting majors must achieve a grade of C- or above in all accounting courses, and a minimum 2.50 overall GPA in all courses applicable to the major.

Accounting, Minor

(Code 720-403)

This minor has been designed to provide a general understanding of accounting and its role in society.

The minor consists of 24 credits as follows:

Required Accounting Courses		15
ACCT 201	Principles of Accounting I	3
ACCT 202	Principles of Accounting II	3
ACCT 301	Intermediate Accounting I	3
ACCT 314	Cost Accounting	3
ACCT 321	Introduction to Income Tax	3
Accounting Minor Electives - Select from the following:		9
ACCT 302	Intermediate Accounting II	
ACCT 313	Auditing	
ACCT 415	Advanced Auditing and Consulting	
ACCT 417	Governmental and Nonprofit Organization Accounting	
ACCT 425	Ethics in Accounting	
ACCT 444	Profit Management and Budgetary Control	

Note 1: A 2.00 or higher GPA in courses counting toward the minor is required.

Audit and Control, Minor

(Code 720-405)

Twenty-seven semester credits, as follows:

Required Courses:

ACCT 301	Intermediate Accounting I	3
ACCT 302	Intermediate Accounting II	3
ACCT 313	Auditing	3
ACCT 430	Accounting Systems	3
ACCT 420 or ACCT 435	Fraud Investigation and Prevention Advanced Accounting Systems and IT Auditing	3
IS 304	Fundamentals of Business Programming	3
IS 310	Systems Analysis and Design	3
IS 290 or IS 344	Introduction to Database Applications Database Management Systems	3
CS 145 or CS 163	Introduction to Object-Oriented Programming Introduction to Programming in C++	3-4

Note 1: A 2.00 or higher GPA in courses counting toward the minor is required.

Note 2: We recommend students complete IS 304 prior to taking either CS programming course.

Business Finance, Comprehensive Major

(Code 800-000)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

Bachelor of Business Administration Degree Requirements

Credits for Graduation

All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48 credit requirement.

Student Professional Development Program

All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. **Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300 level courses in the College of Business Core, and need to be completed prior to registration for those courses.**

The program consists of four workshops: Becoming a Business Professional, Professional Appearance, Developing your Professional Profile, and Professional Etiquette. For more information, visit the College of Business website (<http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program>).

Grade Point Requirements

Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 431) and Health Care Administration (p. 444).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student's major or business minor.

Major Requirements

Proficiency Requirements

Proficiency requirements include basic prerequisite courses and/or entry level competencies for the major. These are not counted as credits in the major.

Code	Title	Credits
ECON 103	Principles of Microeconomics	3
ECON 104	Principles of Macroeconomics	3
MATH 109	Algebra for Calculus ¹	4
MATH 246 or MATH 245	Elementary Statistics Introduction to Statistics	4

¹ MATH 109 or beyond, or competency to enter MATH 111

The BUSCORE

The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

Code	Title	Credits
BUSCORE Courses		
ACCT 201	Principles of Accounting I	3
BCOM 206	Business Writing ¹	2
BCOM 207	Business Presentations ²	2
IS 240	Information Systems in Business	3
BSAD 300	Diversity in the Workplace	1
BSAD 305	Legal and Regulatory Environment	2
FIN 320	Principles of Finance	3
MKTG 330	Principles of Marketing	3
MGMT 340	Organizational Behavior	3
MGMT 341	Operations Management	3
MGMT 449	Strategic Management in a Global Business Environment ³	3
Total Credits		28

- ¹ Students who earn less than a B- (B minus) in BCOM 206 must complete BCOM 216 with a grade of C or above.
- ² Students must earn a B- (B minus) or higher in BCOM 207.
- ³ MGMT 449 is a capstone course that requires prior completion of all other BUSCORE courses. This prerequisite is strictly enforced.

Finance Major

Sixty semester credits including the 28 credit BUSCORE plus 32 additional credits as follows:

Finance Foundation Courses		12
FIN 321	Financial Markets and Institutions	3
FIN 322	Investments	3
FIN 327	Long Term Financial Management	3
FIN 328	Introduction to Derivative Securities	3
Required Accounting Courses		9
ACCT 202	Principles of Accounting II	3
ACCT 301	Intermediate Accounting I	3
One of:		3
ACCT 302	Intermediate Accounting II	
ACCT 314	Cost Accounting	
ACCT 321	Introduction to Income Tax	
Additional Finance Courses - Select from the following:		9
FIN 325	International Financial Management	
FIN 326	Short Term Financial Management	
FIN 420	Corporate Valuation	
FIN 424	Portfolio Management	
FIN 425	Commercial Bank Management	
FIN 426	Topics in Finance	
FIN 428	Advanced Derivative Securities	
FIN 429	Wealth Management	
FIN 439	Investment Strategy	

Additional Required Courses

2

2 credits of Business/Economics at the 300 level or above ¹¹ Recommended courses: ECON 318, ACCT 401, MGMT 414, FIN 495**Business Finance, Minor****(Code 800-401)****Twenty-eight semester credits, as follows:****Required Courses:**

22

ACCT 201	Principles of Accounting I	3
ACCT 202	Principles of Accounting II	3
ECON 103	Principles of Microeconomics	3
ECON 104	Principles of Macroeconomics	3
FIN 320	Principles of Finance	3
IS 240	Information Systems in Business	3
MATH 246	Elementary Statistics	4

Minor Electives - Select from the following:

6

FIN 321	Financial Markets and Institutions
FIN 322	Investments
FIN 325	International Financial Management
FIN 326	Short Term Financial Management
FIN 328	Introduction to Derivative Securities
FIN 424	Portfolio Management
FIN 425	Commercial Bank Management

Business Communication

Schneider Social Science 404

715-836-4320

www.uwec.edu/bcom (<http://www.uwec.edu/bcom>)

The Business Communication Department offers a series of courses designed to develop written and oral communication skills. These courses give students communication experience in a variety of business settings, prepare students to communicate in the workplace, and build a foundation for writing and speaking in other College of Business courses.

Business Writing (BCOM 206) and Business Presentations (BCOM 207) are the introductory business communication courses and are part of the BUSCORE. These courses prepare students to take advanced business communication courses, which offer students an opportunity to further strengthen, refine, and apply their business communication skills. Students need to earn a B- or above in BCOM 206 and BCOM 207 to meet College of Business requirements. Students who do not earn a B- in BCOM 206 must take Business Writing II (BCOM 216) and earn a grade of C or better. Students who do not earn a B- or better in BCOM 207 must take Business Presentations II (BCOM 217) and earn a grade of C or better. After completing BCOM 206 and BCOM 207, students can take additional course work in business communication to earn the Advanced Business Communication Certificate.

Business Writing Fundamentals Program

The Business Writing Fundamentals Program is designed to ensure that students have the basic writing skills needed to successfully complete BCOM 206 (Business Writing) as well as other COB courses. Completing this program is a requirement within the BCOM 206 course.

Department of Business Communication Scholarships

Refer to the College of Business website (<http://www.uwec.edu/academics/college-business/academic-resources/scholarships>) for an up-to-date listing of Business Communication scholarships, or contact the program director, Schneider 400F.

Faculty

Paula Lentz, Program Director

Emily Elsner Twesme

Cynthia Hofacker

Marcy Leasum Orwig

Keith Stearns

Certificate

- Certificate: Advanced Business Communication (p. 436)

Advanced Business Communication, Certificate**(Code 765-601)**

The **Advanced Business Communication Certificate** program is awarded to students who have completed course work in business communication and

meet specific grade requirements. Students who earn the certificate will have the accomplishment noted on their official transcript.

Twelve semester credits in the following courses with a grade of B- or above: 12 credits

BCOM 206	Business Writing	2
or BCOM 216	Business Writing II	
BCOM 207	Business Presentations	2
or BCOM 217	Business Presentations II	
BCOM 306	Advanced Business Writing	2
BCOM 307	Advanced Business Presentations	2
BCOM 308	Technology for Business Communication	2
BCOM 405	Advanced Business Communications	2
BCOM 490	Internship in Business Communication	1-3
BCOM 491	Selected Topics in Business Communication	1-3
BCOM 495	Directed Studies	1-3
BCOM 499	Independent Study - Seniors	1-3

College of Business students may petition to count up to 3 credits of a communication-intensive course in the College of Business toward the 12 credits earned for the certificate. Students need to earn a grade of B- or better for the course to count toward the certificate. The petition must be approved by the business communication program director prior to taking the course.

Contact the Business Communication Department (Schneider 404) for more information.

Information Systems

Schneider Social Science 404

715-836-4320

www.uwec.edu/is (<http://www.uwec.edu/is>)

Information Systems (IS) is the study of the development, management and application of computer information systems by businesses.

IS graduates have a wide variety of excellent career prospects. Systems/business/data analyst, web services developer, application software developer, project manager, digital network manager, risk assurance professional, and database administrator are just a few of the prestigious and well-paid positions available to them.

The IS program is housed in the College of Business allowing IS graduates to obtain a broad background in business concepts. This allows them to develop expertise in bridging the gap between business professionals and computer technologists. IS graduates develop important business knowledge and skills such as communication, teamwork and problem solving as well as technical knowledge and skills such as systems analysis and design, computer programming, database management, network management, and Web development.

The IS department offers a comprehensive major (61 credits, no minor required). The department also offers a minor (25 credits), and a certificate (12 credits).

Student Organizations

The IS department sponsors a student chapter of the Association of Information Technology Professionals (AITP) (<http://www.uwecaitp.org>). Membership is open to all students interested in the study of information systems.

Department of Information Systems Scholarships

Refer to the College of Business website for an up-to-date listing of Department of Information Systems scholarships (<http://www.uwec.edu/academics/college-business/academic-resources/scholarships>), or contact the department at is@uwec.edu or 715-836-4320.

Faculty

Anthony Keys, Chair

Liqiang Chen

Donald Gaber

Thomas Hilton

Jean Pratt

Ruidong Zhang

Majors

- Comprehensive Major: Information Systems - B.B.A. (p. 438)

Minors

- Minor: Information Systems (p. 440)

Certificates

- Certificate: Information Systems (p. 438)

Information Systems, Certificate

(Code 832-601)

The **Certificate in Information Systems** is available to all students at UW-Eau Claire except IS majors and minors, for whom it would be redundant. It is designed to complement majors in every area of study without the investment required for a minor. The certificate documents a student's completion of course work relating to IS issues in organizations.

All courses must be completed with a grade of C or above.

Twelve semester credits, as follows:

Required Courses:		6 credits
IS 240	Information Systems in Business	3
IS 310	Systems Analysis and Design	3
Elective Group 1: ¹		3-6 credits
IS 290	Introduction to Database Applications	3
IS 304	Fundamentals of Business Programming	3
IS 345	Networking with Client Operating Systems	3
IS 365	Information Assurance	3
IS 455	Project Management	3
Elective Group 2:		0-3 credits
ACCT 460	Accounting Information Systems and Technology	3
MGMT 443	Process Simulation and Analysis	3
MKTG 338	Marketing Analytics and Technology	3

¹ Non-business majors are advised to select both electives from IS 290, IS 304, IS 345. Remaining electives have College of Business prerequisites.

Students operating under the 2015-2016 and subsequent catalogs will declare the IS certificate as part of their program of study. Other students will obtain an application form from the IS department office, Schneider 404, and return the completed application to that office by October 30 or March 30 of the semester in which they expect to complete the requirements. Shortly after final grades have been submitted to the Registrar, official certificates are mailed to successful applicants in January and June.

For more information on the IS Certificate program, contact the IS department.

Information Systems, Comprehensive Major

(Code 832-004)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
	Grade Point Requirements (p. 49) ²	

Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50)³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal	
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience

Skills Goal	
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

Bachelor of Business Administration Degree Requirements

Credits for Graduation

All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48 credit requirement.

Student Professional Development Program

All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. **Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300 level courses in the College of Business Core, and need to be completed prior to registration for those courses.**

The program consists of four workshops: Becoming a Business Professional, Professional Appearance, Developing your Professional Profile, and Professional Etiquette. For more information, visit the College of Business website (<http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program>).

Grade Point Requirements

Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 431) and Health Care Administration (p. 444).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student's major or business minor.

Major Requirements

Proficiency Requirements

Proficiency requirements include basic prerequisite courses and/or entry level competencies for the major. These are not counted as credits in the major.

Code	Title	Credits
ECON 103	Principles of Microeconomics	3
ECON 104	Principles of Macroeconomics	3
MATH 109	Algebra for Calculus ¹	4
MATH 246 or MATH 245	Elementary Statistics Introduction to Statistics	4

¹ MATH 109 or beyond, or competency to enter MATH 111

The BUSCORE

The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

Code	Title	Credits
BUSCORE Courses		
ACCT 201	Principles of Accounting I	3
BCOM 206	Business Writing ¹	2
BCOM 207	Business Presentations ²	2
IS 240	Information Systems in Business	3
BSAD 300	Diversity in the Workplace	1
BSAD 305	Legal and Regulatory Environment	2
FIN 320	Principles of Finance	3
MKTG 330	Principles of Marketing	3
MGMT 340	Organizational Behavior	3
MGMT 341	Operations Management	3
MGMT 449	Strategic Management in a Global Business Environment ³	3
Total Credits		28

¹ Students who earn less than a B- (B minus) in BCOM 206 must complete BCOM 216 with a grade of C or above.

² Students must earn a B- (B minus) or higher in BCOM 207.

³ MGMT 449 is a capstone course that requires prior completion of all other BUSCORE courses. This prerequisite is strictly enforced.

Information Systems Major

Sixty-one semester credits, including the 28 credit BUSCORE plus a minimum of 33 additional credits as follows:

Required Accounting course		3
ACCT 312	Managerial Accounting	3
or ACCT 314	Cost Accounting	
IS/Accounting and IS/Finance double majors may use ACCT 314. All others will take ACCT 312.		
IS Core		18
IS 304	Fundamentals of Business Programming	3
IS 310	Systems Analysis and Design	3
IS 324	Object-Oriented Systems	3
IS 344	Database Management Systems	3

IS 345	Networking with Client Operating Systems	3
IS 460	Seminar in Information Systems	3
IS Electives		6-12
IS 314	Business Software Engineering	
IS 365	Information Assurance	
IS 420	Internship in Information Systems II ¹	
IS 450	Distributed Systems Development	
IS 455	Project Management	
Other Electives		0-6
ACCT 460	Accounting Information Systems and Technology	
ART 312	Computer Graphics	
BCOM 405	Advanced Business Communications	
CJ 407	Leadership Communication	
CS 145	Introduction to Object-Oriented Programming	
CS 163	Introduction to Programming in C++	
CS 318	Fundamentals of Web Page Design	
CS 319	Introduction to Web Programming	
CS 320	Web Database Design and Implementation	
IS 320	Internship in Information Systems I ¹	
IS 491	Selected Topics	
IS 495	Directed Studies	
MGMT 442	Production Planning and Control	
MGMT 443	Process Simulation and Analysis	
MKTG 338	Marketing Analytics and Technology	
MKTG 434	Advanced Marketing Analytics	
PHIL 308	Ethics in Computing and Engineering	

¹ No more than three internship credits can count towards this major

Information Systems, Minor

(Code 832-401)

Students minoring in Information Systems augment their major with organizational computing skills and knowledge that make them more proficient in their field, more attractive to potential employers, and more capable as citizens. The IS minor is available to all students at UW-Eau Claire except IS majors, for whom it would be redundant.

Twenty-five semester credits, as follows:

Required courses:		19
BCOM 206	Business Writing	2
BCOM 207	Business Presentations	2
IS 240	Information Systems in Business	3
IS 290	Introduction to Database Applications	3
IS 304	Fundamentals of Business Programming	3
IS 310	Systems Analysis and Design	3
IS 345	Networking with Client Operating Systems	3
IS Minor electives - Select from the following		6
ACCT 201	Principles of Accounting I	
	or ACCT 312 Managerial Accounting	
	or ACCT 314 Cost Accounting	

CS 145	Introduction to Object-Oriented Programming	
CS 163	Introduction to Programming in C++	
CS 318	Fundamentals of Web Page Design	
CS 319	Introduction to Web Programming	
CS 320	Web Database Design and Implementation	
CS 321	Web Design and Development	
ECON 103	Principles of Microeconomics	
or ECON 104	Principles of Macroeconomics	
IS 314	Business Software Engineering	
IS 324	Object-Oriented Systems	
IS 365	Information Assurance	
IS 455	Project Management	
MGMT 443	Process Simulation and Analysis	
PHIL 308	Ethics in Computing and Engineering	

Management and Marketing

Schneider Social Science 400E
715-836-3677
www.uwec.edu/mgmtmktg

The Department of Management and Marketing offers comprehensive majors in Management, Marketing, International Business, and Health Care Administration, as well as a standard major in Business Administration. Within the Management major, specialized emphases are available in Human Resource Management, Operations and Supply Chain Management, and Entrepreneurship, in addition to the general Management option. The Marketing major offers emphases in Professional Sales and Marketing Analytics in addition to the general Marketing option. The Health Care Administration major is targeted toward students preparing for careers in managing post-acute health care institutions.

The standard major in Business Administration is offered for those students interested in the flexibility of a major/minor or major/certificate program of study, particularly for those interested in a minor or certificate outside the College of Business. Many of the minors and certificates offered within the College of Business do not satisfy university academic concentration requirements (p. 50) when paired with the Business Administration major.

The department also offers five minors. The Business Administration minor provides a broad survey of business principles for non-business majors. Minors in Management, Marketing, and Entrepreneurship provide an opportunity for students to gain more focused study and are available to all students, including those with a major in the College of Business. The International Business minor is also available to students in the College of Business and to students not in the College of Business who meet prerequisite requirements.

Department of Management and Marketing Scholarships

Refer to the College of Business website (<http://www.uwec.edu/academics/college-business/academic-resources/scholarships>) for an up-to-date listing of Department of Management and Marketing scholarships, or contact the department chairperson, Schneider 400E.

All students earning the BBA degree with a major in Business Administration, Health Care Administration, International Business, Management (all emphases) or Marketing (all emphases) must complete the High Impact Practices (HIP) assessment during their last semester. The HIP assessment is administered electronically during the fall, spring, and summer terms.

Major/Minor Combinations are allowed in the Department of Management and Marketing. See Major/Minor Combinations (p. 429).

Department Honors – Management and Marketing

The Management and Marketing Honors Program provides students within the Management and Marketing Department with opportunities for academic enrichment and challenge beyond usual course coverage and requirements. The program encourages and enables outstanding students to pursue high-level internships, collaborative research projects, and other high-impact projects. The program enhances students' capacity for critical inquiry and independent learning, and develops their potential for leadership in the management, marketing, and health care administration professions. (Academic credit earned doing honors work in the Management and Marketing

Honors program may also potentially count for students currently in the University Honors Program).

Participation in the Management and Marketing Honors Program is documented on the student's university record. For more information, please get in touch with Dr. Kristy Lauver, department chair of Management and Marketing.

Eligibility. Upper-class business administration, management, marketing, and health-care administration majors with resident, overall GPA of 3.75 or higher and major GPA of 3.80 or higher.

Procedure. Eligible students will be invited into the honors program during their junior year. The invitation will include an information sheet and application form.

Requirements. To graduate with Departmental Honors in Management and Marketing, students must achieve resident and overall GPAs of 3.75 or higher and major GPAs of 3.80 or higher, pass the final review by the Management and Marketing Honors committee indicating appropriate rigor in their Honors work, and successfully complete at least two of the following Honors experiences:

- Participate in substantial faculty/student collaborative research project
- Present the results of a research project at a regional, national, or international conference
- Design and execute, under the guidance of a department faculty member, a substantial professional project (e.g. for community members or agencies, or local companies), with substantial written report
- Undertake an approved management and marketing internship or health-care practicum and write an in-depth professional reflection paper
- Publication of a paper in a peer-reviewed journal
- Study abroad or participation in the National Student Exchange with completion of a related Honors project
- Other Honors projects approved by the department chair and the department Honors committee.

Faculty

Kristy Lauver, Chair

Carol Azab
Gabi Eissa
Robert Erffmeyer
LaNette Flunker
Kevin Hansen
Nancy Hanson-Rasmussen
Robert Heintz
Jennifer Johs-Artisensi
Kate Kim
Scott Lester
Abraham Nahm
Douglas Olson
Brent Opall
Erwin Steiner
Scott Swanson
Timothy Vaughan
Theresa Wells
Rebecca Wyland

Majors

- Major: Business Administration - B.B.A. (p. 442)
- Comprehensive Major: Health Care Administration - B.B.A. (p. 444)

- Comprehensive Major: Management, Entrepreneur Program Emphasis - B.B.A. (p. 453)
- Comprehensive Major: Management, Human Resource Management Emphasis - B.B.A. (p. 455)
- Comprehensive Major: Management, Operations and Supply Chain Management Emphasis - B.B.A. (p. 460)
- Comprehensive Major: Management, Management Emphasis - B.B.A. (p. 457)
- Comprehensive Major: Marketing - B.B.A. (p. 462)
- Comprehensive Major: Marketing, Professional Sales Emphasis - B.B.A. (p. 466)
- Comprehensive Major: Marketing, Marketing Analytics Emphasis - B.B.A. (p. 464)
- Comprehensive Major: International Business - B.B.A. (p. 449)

Minors

- Minor: Business Administration (p. 444)
- Minor: Entrepreneurship (p. 444)
- Minor: Management (p. 459)
- Minor: Marketing (p. 465)
- Minor: International Business (p. 452)

Certificates

- Certificate: Leadership Studies (p. 453)
- Certificate: Entrepreneurship (p. 444)
- Certificate: International Business (p. 448)

Business Administration, Major

(Code 740-200)

(Code 740-201 online degree completion)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences	
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences	
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences	
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience	
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences	
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience	
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences	
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences	
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences	
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences	
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences	

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

Bachelor of Business Administration Degree Requirements

Credits for Graduation

All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48 credit requirement.

Student Professional Development Program

All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. **Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300 level courses in the College of Business Core, and need to be completed prior to registration for those courses.**

The program consists of four workshops: Becoming a Business Professional, Professional Appearance, Developing your Professional Profile, and Professional Etiquette. For more information, visit the College of Business website (<http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program>).

Grade Point Requirements

Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 431) and Health Care Administration (p. 444).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student's major or business minor.

Major Requirements

The standard major in Business Administration is offered for those students interested in the flexibility of a major/minor or major/certificate program of study, particularly for those interested in a minor or certificate outside the College of Business. Many of the minors and certificates offered within the College of Business do not satisfy university academic concentration requirements (p. 50) when paired with the Business Administration major.

Proficiency Requirements

Proficiency requirements include basic prerequisite courses and/or entry level competencies for the major. These are not counted as credits in the major.

Code	Title	Credits
ECON 103	Principles of Microeconomics	3
ECON 104	Principles of Macroeconomics	3
MATH 109	Algebra for Calculus ¹	4

MATH 246	Elementary Statistics	4
or MATH 245	Introduction to Statistics	

¹ MATH 109 or beyond, or competency to enter MATH 111

The BUSCORE

The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

Code	Title	Credits
BUSCORE Courses		
ACCT 201	Principles of Accounting I	3
BCOM 206	Business Writing ¹	2
BCOM 207	Business Presentations ²	2
IS 240	Information Systems in Business	3
BSAD 300	Diversity in the Workplace	1
BSAD 305	Legal and Regulatory Environment	2
FIN 320	Principles of Finance	3
MKTG 330	Principles of Marketing	3
MGMT 340	Organizational Behavior	3
MGMT 341	Operations Management	3
MGMT 449	Strategic Management in a Global Business Environment ³	3
Total Credits		28

- ¹ Students who earn less than a B- (B minus) in BCOM 206 must complete BCOM 216 with a grade of C or above.
- ² Students must earn a B- (B minus) or higher in BCOM 207.
- ³ MGMT 449 is a capstone course that requires prior completion of all other BUSCORE courses. This prerequisite is strictly enforced.

Business Administration Major

Thirty-seven credits, including the 28-credit BUSCORE plus 9 additional credits as follows:

Required Accounting Course		3
ACCT 312	Managerial Accounting	3
Select a minimum of six credits of BSAD electives from the following:		6
BCOM 306	Advanced Business Writing	
BCOM 307	Advanced Business Presentations	
BCOM 405	Advanced Business Communications	
BSAD 306	Business Law	
FIN 325	International Financial Management	
HCAD 101	Introduction to Health Services Administration	
IS 455	Project Management	
MGMT 200	Developing the Leader Within You	
MGMT 343	Supply Chain Management	
MGMT 344	Quantitative Methods for Management and Operations	
MGMT 347	Risk Management and Insurance	
MGMT 345	Managing Global Organizations	
MGMT 349	Human Resource Management	

MGMT 371	Introduction to Entrepreneurship
MGMT 441	Service Operations Management
MGMT 442	Production Planning and Control
MGMT 445	Compensation Theory and Administration
MGMT 446	Advanced Organizational Behavior
MGMT 455	Industrial Relations
MGMT 494	Topics in Leadership
MKTG 332	Marketing Communications and Promotion Analysis
MKTG 334	Marketing Research
MKTG 335	International Marketing
MKTG 336	Business Logistics Management
MKTG 337	Professional Selling
MKTG 338	Marketing Analytics and Technology
MKTG 425	Marketing in Service Organizations
MKTG 432	Retail Management
MKTG 433	Sales Management
MKTG 490	Advanced Sales Topics

HIP Assessment

Business Administration majors must complete the High Impact Practices (HIP) assessment during their last semester.

The Business Administration major is not available as part of a double major combination with any other College of Business major.

Degree Completion

Program code 740-201 is intended as an online degree completion program for students transferring to U.W.-Eau Claire with a qualifying associate's degree, that includes the major Proficiency Requirements among the associate degree coursework. Such students are able to complete the requirements of the Business Administration major via online course offerings. Students should consult with their advisor to identify a secondary area of study that can be completed online.

Business Administration, Minor

(Code 740-405)

Twenty-seven semester credits, as follows:

Required Courses:

ACCT 201	Principles of Accounting I	3
ECON 103	Principles of Microeconomics	3
ECON 104	Principles of Macroeconomics	3
IS 240	Information Systems in Business	3
MATH 246	Elementary Statistics	4
BSAD 305	Legal and Regulatory Environment	2
FIN 320	Principles of Finance	3
MKTG 330	Principles of Marketing	3
MGMT 340	Organizational Behavior	3
Total Credits		27

This minor is not available to College of Business majors.

Entrepreneurship, Certificate

(Code 820-603)

Twelve semester credits as follows:

Required Courses

MGMT 371	Introduction to Entrepreneurship	3
MGMT 373	New Venture Feasibility	3
MGMT 374	New Venture Start-Up and Growth	3
MGMT 471	Business Plan Considerations and Drafting	3

Total Credits **12**

The Entrepreneurship certificate DOES NOT COUNT as a second plan when combined with the standard Business Administration major. If you choose to complete this certificate you will still need a second major, minor or other certificate in order to satisfy university academic concentration requirements (p. 50).

Entrepreneurship, Minor

(Code 820-402)

Minimum 29 semester credits, as follows:

Required Courses:

ACCT 201	Principles of Accounting I	3
ECON 103	Principles of Microeconomics	3
ECON 104	Principles of Macroeconomics	3
IS 240	Information Systems in Business	3
BSAD 305	Legal and Regulatory Environment	2-3
or BSAD 306	Business Law	
MKTG 330	Principles of Marketing	3
MGMT 371	Introduction to Entrepreneurship	3
MGMT 373	New Venture Feasibility	3
MGMT 374	New Venture Start-Up and Growth	3
MGMT 471	Business Plan Considerations and Drafting	3

Total Credits **29-30**

The Entrepreneurship minor DOES NOT COUNT as a second plan when combined with the standard Business Administration major. If you choose to complete this minor you will still need a second major, minor or other certificate in order to satisfy university academic concentration requirements (p. 50).

Health Care Administration, Comprehensive Major

(Code 660-054)

University Requirements

Code	Title	Credits
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GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation ¹	120
Upper division credits (courses numbered 300 and higher)	39

Liberal Education Core (p. 46)	36
Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²	
Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average
University Residency Requirements (p. 50) ³	
Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

¹ Certain programs exceed this minimum.
² See special requirements in each College.
³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2)		One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3)	One (1) learning experiences
Responsibility Goal	
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-r1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-r2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-r3)	One (1) learning experiences
Integration Goal	
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-i1)	Two (2) learning experiences
Service-Learning Goal	
Service-Learning (p. 49)	30 hours

**College Degree Requirements
 Bachelor of Business Administration Degree
 Requirements**

Credits for Graduation

All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48 credit requirement.

Student Professional Development Program

All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. **Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300 level courses in the College of Business Core, and need to be completed prior to registration for those courses.**

The program consists of four workshops: Becoming a Business Professional, Professional Appearance, Developing your Professional Profile, and Professional Etiquette. For more information, visit the College of Business website (<http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program>).

Grade Point Requirements

Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 431) and Health Care Administration (p. 444).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student's major or business minor.

Practicum. Following satisfactory completion of all required campus-based courses, including General Education, the student is eligible for enrollment in the practicum.

The practicum, consisting of 50 weeks in an affiliated health care institution, is started at the beginning of the summer session. Students are enrolled at UW-Eau Claire for the courses taken while at affiliated institutions and pay full fees to the University. Students in the practicum receive a provider-sponsored stipend.

Positions for practicum experience are highly competitive. The University does not guarantee placement in the practicum but does aid the student in every way possible. Since academic achievement plays a part in selection of students for the practicum, resident and total GPAs above the 2.75 minimum are recommended. Application to practicum positions occurs one year prior to the practicum starting date.

Admission Requirements

Admission to the Health Care Administration Program

Students intending to major in Health Care Administration should indicate their area of interest when they apply to the University so they may be admitted as "Pre-Health Care Administration." Students may declare "Pre-Health Care Administration" at any time, but must formally apply for acceptance into the Health Care Administration program. The deadlines for filing applications to the Health Care Administration program are posted each semester in October and March, following group information/application meetings. In order to be considered for admission to the Health Care Administration Program, the student must:

1. be declared as Pre-Health Care Administration.
2. complete all application materials (essay, application, proposed degree plan with desired practicum cohort year).
3. have a resident and total GPA of at least 2.75.

Other data that may be utilized by the HCAD Admissions Committee include high school rank in class, previous collegiate records, and standardized tests such as ACT or SAT.

Enrollment in this program is limited and competitive. Students who are not admitted may reapply for a future cohort year assignment, or may consider an alternative course of study.

Practicum Cohort

At the time of admission to the program, students are assigned to the practicum cohort for a specific year. Application to specific practicum sites occurs the year prior to placement, and there is a competitive application process for practicum sites among admitted students. More information about this process may be found on the Health Care Administration program website (<http://www.uwec.edu/academics/college-business/departments-programs/management-marketing/academic-offerings/majors-minors/health-care-administration.cfm>). Even if placed at a practicum site, students must meet academic standing requirements and have completed all non-practicum course work before being allowed to move forward. If the student's degree plan changes such that more time is required to complete non-practicum course requirements, students may be reassigned to a future cohort.

Transferring Students

Any student anticipating transfer to UW-Eau Claire for the Health Care Administration Program is urged to consult the university Admissions Office as early as possible for information about GPA and course requirements for admission and for the degree requirements. Official review of the student's

academic record is made by the Admissions Office. Transfer students may declare Pre-Health Care Administration when transferring, or may apply for acceptance into the Health Care Administration program as described above prior to transferring to the university.

Student Background Check and Health Requirements

State law requires background checks on all students placed at the clinical practicum sites. All students accepted into the program must complete the Wisconsin Department of Health and Family Services Background Information Disclosure, as well as a release for a Wisconsin Department of Justice Criminal Background Check. Non-resident students must also have background checks completed in their state of residence. Additional information regarding the Wisconsin Caregiver Program can be obtained from the Wisconsin Department of Health Services website (<https://www.dhs.wisconsin.gov/caregiver>).

Within 90 days prior to beginning the practicum experience, the student must have a physical exam to provide evidence that the student is free from infectious disease and evidence of a TB skin test. A chest X-ray is required if the TB skin test is positive. It is also recommended that students be vaccinated annually against influenza. Students are not permitted to participate in clinical course work unless all immunizations, TB tests, and background checks are current.

All expenses associated with background checks and health requirements are borne by the student unless the Student Health Service specifically indicates otherwise. Students are not covered by health or accident insurance by UW-Eau Claire, the practicum facility, or the practicum institution. In addition, workers' compensation insurance does not cover students while engaged in clinical practice. For example, if a student suffers a needle stick or is hurt while in practicum, they will need personal health insurance to cover medical bills.

Readmission to the Health Care Administration Program

Students who withdraw from the program and wish to return for completion must send a letter requesting readmission to the Management and Marketing department at least three months in advance of the desired readmission date.

Applicants must meet the current admission requirements of the Health Care Administration program. Consideration will be given to the length of absence, the student's ability to achieve, and availability of space in the student's desired practicum cohort. If readmission to the program is granted, the remaining program will be planned as considered best for the student and according to the current curriculum.

Termination from Program

A student may be terminated from the Health Care Administration program for any of the following reasons:

1. Failure to maintain good academic standing within the university.
2. Failure to demonstrate the potential for consistently safe, responsible, and ethical professional practice.
3. Likelihood that a student's condition, presentation, or prior experience will adversely affect the student, other persons, the University, an agency or site used for practicum, or the patients or residents served.

If a student demonstrates deficiencies during the practicum experience that the faculty or practicum supervisor determine to be clearly unsafe or unprofessional behavior, the student will be immediately removed from the practicum situation.

A student who has been notified of termination from the program may appeal for reinstatement. This policy applies to termination from the Health Care

Administration program only. A student's status within the University remains subject to University academic standing policies.

Costs

Health Care Administration is a professional discipline, and students enrolled in the program must anticipate some additional costs that are directly related to the Health Care Administration program. These include textbooks, health requirements, technology costs (e.g. laptop and internet access), and transportation and lodging associated with the practicum experience and learning modules.

Major Requirements

The Health Care Administration program at UW-Eau Claire offers bright and committed students the opportunity to work with faculty who are dedicated to preparing leaders in a wide variety of health care organizations and to the individual development of each student. The goal is to prepare students to make a positive difference in the lives of others by joining efficient management practices with dedication to service.

This program focuses on the post-acute care continuum of health care institutions and services. For students who want to enter the acute care sector (hospitals), this program has proven an excellent preparation for the graduate education required.

All Health Care Administration students complete a 12-month practicum experience at one of the many affiliated health care facilities in Wisconsin, Minnesota, Illinois, and Iowa. Graduates are thereby ready upon graduation to begin performing as leaders and managers in health care. The Health Care Administration program is accredited by the National Board of Examiners for Long Term Care Administration. Graduates of the Health Care Administration Program are eligible to take the Wisconsin, Minnesota, and 14 other states' licensure examinations for Nursing Home Administrators (NHA). Most other states accept graduates from this program for licensure on an individual review basis.

Scholarships. Several scholarships are available to students in the Health Care Administration major. Additional information may be obtained from the College of Business website (<http://www.uwec.edu/academics/college-business/academic-resources/scholarships>) or by visiting the Financial Aid website (<http://www.uwec.edu/finaid/scholarships>).

Health Care Administration major proficiency requirements

Proficiency requirements include basic prerequisite courses and/or competencies for the major. These are not counted as credits in the major.

BIOL 151	Biology of Humans	4
BIOL 196	Human Nutrition	3
ECON 103	Principles of Microeconomics	3
ECON 104	Principles of Macroeconomics	3
MATH 246	Elementary Statistics	4
or MATH 245	Introduction to Statistics	
PSYC 100	Introduction to Psychology	3
Total Credits		20

NOTE: The university service-learning requirement is satisfied within the required practicum experience.

Requirements of the Health Care Administration major

Core Courses Related to Administration		28 Credits
ACCT 201	Principles of Accounting I	3
BCOM 206	Business Writing	2
BCOM 207	Business Presentations	2
BSAD 300	Diversity in the Workplace	1
BSAD 305	Legal and Regulatory Environment	2
HCAD 375	Fundamentals of Health Care Finance	3
IS 240	Information Systems in Business	3
MGMT 340	Organizational Behavior	3
MGMT 349	Human Resource Management	3
MKTG 330	Principles of Marketing	3
Core Courses Related to Health Care		17 credits
ECON 280	Health Economics	3
NRSG 220	The Language of Health Care	1
HCAD 101	Introduction to Health Services Administration	1
HCAD 222	Multidisciplinary Perspectives on Aging	3
HCAD 301	Foundations of Quality Management Systems in Health Service	3
HCAD 302	Leadership and Management Practices in Health Services	3
IDIS 201	Overview of the U.S. Health Care System: A Policy Perspective	3
Health Care Administration Practicum		31 credits
Summer Session		
HCAD 400	Fundamental Field Experience Skills I	3
HCAD 420	Health Care Administration Professional Development	3
Fall Semester		
HCAD 401	Fundamental Field Experience Skills II	6
HCAD 403	Resident Service Management	1
HCAD 404	Quality Management in Health Care	1
HCAD 405	Health Services Human Resources Management	1
HCAD 421	Fundamental Health Care Management Competencies	3
Winterim		
HCAD 413	Health Care Rules and Regulations	1
Spring Semester		
HCAD 402	Fundamental Field Experience Skills III	6
HCAD 406	Information Use and Systems	1
HCAD 407	Financial Management in Health Care	1
HCAD 408	Marketing and Public Relations in Health Services	1
HCAD 422	Strategic Health Care Leadership Practices	3

Minimum grade and GPA requirement

- Students who earn lower than a B- (B Minus) in BCOM 206 must complete BCOM 216 with a grade of C or above.
- Students must earn a B- or higher in BCOM 207 .
- Students must complete all required courses for the major with a grade of C- or above.

- Overall GPA must be at least 2.75.
- No course required for the degree in health care administration may be taken on a satisfactory/unsatisfactory basis.

HIP Assessment

Health Care Administration majors must complete the High Impact Practices (HIP) assessment during their last semester.

International Business, Certificate

(Code 740-610)

The **Certificate in International Business** is designed to enhance the bachelor's degree for any student at UW-Eau Claire. Students for whom studying abroad or an international internship are not options can complete the 12 credit certificate and add valuable insights into the global business environment.

The Certificate was designed by participating faculty in the UW-Eau Claire College of Business, the Business Advisory Council, and the International Business Advisory Council. It is designed to complement the UW-Eau Claire Global Studies minor, and to enhance all majors at UW-Eau Claire.

International Business Certificate Requirements

Twelve semester credits, as follows:

Required - Complete the following three courses with minimum 2.75 GPA: 9

FIN 325	International Financial Management	3
MGMT 345	Managing Global Organizations	3
MKTG 335	International Marketing	3

Elective Courses - A minimum of three credits from the following: 3

Any foreign language course at the 201 level or higher		
ACCT 405	International Accounting	
ANTH 315	Language in Culture and Society	
ANTH 351	Cross-Cultural Dynamics	
ANTH 355	Peoples of Africa	
ANTH 422	Anthropology of Law	
ANTH 463	Religion and Culture	
ANTH/ WMNS 356	Women in Cross-Cultural Perspective	
ARTH 112	Art History Survey II	
BSAD 315	International Business Law	
BSAD 491	Selected Topics in Business	
CJ 301	Intercultural Communication	
CJ 319	International Communication	
ECON 351	International Economics	
ECON 353	Economics of Pacific Asia	
ECON 355	Economic Development	
ECON/LAS 356	Economic Development of Latin America	
GEOG 301	Geography of Western Europe	
GEOG 308	Geography of Russia and Eastern Europe	

GEOG 319	Geography of the Middle East and North Africa
GEOG 321	Geography of Latin America
GEOG 366	Geography International Immersion Experience
HIST 124	World History to 1500
HIST 125	World History Since 1500
HIST 284	The Nazis and Germany, 1914-1945
HIST 286	History of World War II
HIST 292	Origins of Current World Conflicts
HIST 304	Greek Civilization
HIST 306	Roman Civilization
HIST 315	The Age of Reformation
HIST 326	Twentieth Century Europe, 1900 to Present
HIST 360	Modern France
HIST 362	Modern Germany
HIST 366	History of Middle East Since Muhammad
HIST 371	History of the Modern Balkans
HIST 375	Twentieth Century Russia
HIST 376	World War I and II Military
HIST 379	History of Modern East Europe
HIST 381	Comparative Genocide
HIST 382	Imperialism Since 1800
HIST 383	Modern Africa
HIST 384	The Vietnam War
HIST 387	Marco Polo's World, 1250-1350
HIST 388	History of China
HIST 389	History of Japan
HIST 393	Roots of Selected Contemporary World Problems
HIST/LAS 311	Latin America Since Independence
HIST/WMNS 385	The History of Middle Eastern Muslim Women
MGMT 343	Supply Chain Management
POLS 122	Introduction to World Politics
POLS 260	Introduction to Comparative Politics
POLS 265	Problems of the Developing Nations
POLS 321	Politics of the Middle East
POLS 322	Politics of Russia
POLS 323	Politics of Eastern Europe
POLS 324	Politics of Asia
POLS 327	Politics of Continental Europe
POLS 390	Culture and Politics
POLS/LAS 319	Politics of Latin America
RELS 100	Introduction to the Religions of the World
RELS 304	Modern Christianity
RELS 307	Judaism
RELS 309	Islam
RELS 312	Buddhism: Past and Present

RELS 314	Hinduism
RELS 323	Chinese and Japanese Religions

The International Business certificate DOES NOT COUNT as a second plan when combined with the standard Business Administration major. If you choose to complete this certificate you will still need a second major, minor or other certificate in order to satisfy university academic concentration requirements (p. 50).

International Business, Comprehensive Major

(Code 850-001)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
	Obtain admission to the degree program and/or the College offering it.	
	Apply for graduation on CampS.	

¹ Certain programs exceed this minimum.
² See special requirements in each College.
³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
	Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal		
	Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
	One S1 must meet the University Writing Requirement (p. 49)	
	Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
	One S2 to meet the University Mathematics Requirement (p. 49)	
	Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal		
	Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
	One R1 must satisfy Design for Diversity (p. 49)	
	Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
	Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal		
	Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal		
	Service-Learning (p. 49)	30 hours

College Degree Requirements

Bachelor of Business Administration Degree Requirements

Credits for Graduation

All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48 credit requirement.

Student Professional Development Program

All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter

their chosen careers. **Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300 level courses in the College of Business Core, and need to be completed prior to registration for those courses.**

The program consists of four workshops: Becoming a Business Professional, Professional Appearance, Developing your Professional Profile, and Professional Etiquette. For more information, visit the College of Business website (<http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program>).

Grade Point Requirements

Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 431) and Health Care Administration (p. 444).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student's major or business minor.

Major Requirements

The International Business major is an interdisciplinary program. The major includes an international experience requirement that may be satisfied by taking an approved upper division business course take at a study abroad site, completing an international internship, or an internationally-oriented internship with a company located in the United States. **International Business students are strongly encouraged to consider a double major in a functional business area such as management, marketing, information systems, accounting or finance.**

Proficiency Requirements

Proficiency requirements include basic prerequisite courses and/or entry level competencies for the major. These are not counted as credits in the major.

Code	Title	Credits
ECON 103	Principles of Microeconomics	3
ECON 104	Principles of Macroeconomics	3
MATH 109	Algebra for Calculus ¹	4
MATH 246 or MATH 245	Elementary Statistics Introduction to Statistics	4

¹ MATH 109 or beyond, or competency to enter MATH 111

The BUSCORE

The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

Code	Title	Credits
BUSCORE Courses		
ACCT 201	Principles of Accounting I	3
BCOM 206	Business Writing ¹	2
BCOM 207	Business Presentations ²	2
IS 240	Information Systems in Business	3

BSAD 300	Diversity in the Workplace	1
BSAD 305	Legal and Regulatory Environment	2
FIN 320	Principles of Finance	3
MKTG 330	Principles of Marketing	3
MGMT 340	Organizational Behavior	3
MGMT 341	Operations Management	3
MGMT 449	Strategic Management in a Global Business Environment ³	3

Total Credits **28**

- ¹ Students who earn less than a B- (B minus) in BCOM 206 must complete BCOM 216 with a grade of C or above.
- ² Students must earn a B- (B minus) or higher in BCOM 207.
- ³ MGMT 449 is a capstone course that requires prior completion of all other BUSCORE courses. This prerequisite is strictly enforced.

Requirements for the International Business Major

Sixty semester credits, including the 28 credit BUSCORE and 32 additional credits as follows:

Required Accounting course		3
ACCT 312	Managerial Accounting	3
or ACCT 314	Cost Accounting	

IB/Accounting and IB/Finance double majors may use ACCT 314. All others will take ACCT 312.

Required International Business Courses		9
FIN 325	International Financial Management	3
INTB/MGMT 345	Managing Global Organizations	3
INTB/MKTG 335	International Marketing	3

Required Economics Course - Select one of the following: 3

ECON 351	International Economics	
ECON 353	Economics of Pacific Asia	
ECON 355	Economic Development	
ECON/LAS 356	Economic Development of Latin America	

Required Upper Division Foreign Language Course 3-4

Minimum of 3 credits of foreign language at 300 or 400 level

International Business Electives - Select from the following ¹ 13-14

An approved upper division business course taken at a study abroad site, in fulfillment of the IBE requirement (see below) may count as an elective.		
ACCT 405	International Accounting	
ANTH 315	Language in Culture and Society	
ANTH 351	Cross-Cultural Dynamics	
ANTH 355	Peoples of Africa	
ANTH 422	Anthropology of Law	
ANTH 463	Religion and Culture	
ANTH/ WMNS 356	Women in Cross-Cultural Perspective	

ARTH 112	Art History Survey II
BSAD 315	International Business Law
BSAD 398	Internship Program I ²
BSAD 491	Selected Topics in Business
CJ 301	Intercultural Communication
CJ 319	International Communication
ECON 351	International Economics
ECON 353	Economics of Pacific Asia
ECON 355	Economic Development
ECON/LAS 356	Economic Development of Latin America
FREN 340	French for Professional Communication
GERM 315	German for Professional Communication I
GERM 316	German for Professional Communication II
SPAN 340	Spanish for Business
SPAN 440	Spanish Business Writing
GEOG 301	Geography of Western Europe
GEOG 308	Geography of Russia and Eastern Europe
GEOG 319	Geography of the Middle East and North Africa
GEOG 321	Geography of Latin America
GEOG 366	Geography International Immersion Experience
HIST 124	World History to 1500
HIST 125	World History Since 1500
HIST 284	The Nazis and Germany, 1914-1945
HIST 286	History of World War II
HIST 292	Origins of Current World Conflicts
HIST 304	Greek Civilization
HIST 306	Roman Civilization
HIST 315	The Age of Reformation
HIST 326	Twentieth Century Europe, 1900 to Present
HIST 360	Modern France
HIST 362	Modern Germany
HIST 366	History of Middle East Since Muhammad
HIST 371	History of the Modern Balkans
HIST 375	Twentieth Century Russia
HIST 376	World War I and II Military
HIST 379	History of Modern East Europe
HIST 381	Comparative Genocide
HIST 382	Imperialism Since 1800
HIST 383	Modern Africa
HIST 384	The Vietnam War
HIST 387	Marco Polo's World, 1250-1350
HIST 388	History of China
HIST 389	History of Japan
HIST 393	Roots of Selected Contemporary World Problems
HIST/LAS 311	Latin America Since Independence
HIST/WMNS 385	The History of Middle Eastern Muslim Women
INTB 361	International Experience in India

INTB 362	International Experience in China
MGMT 343	Supply Chain Management
POLS 122	Introduction to World Politics
POLS 260	Introduction to Comparative Politics
POLS 265	Problems of the Developing Nations
POLS 321	Politics of the Middle East
POLS 322	Politics of Russia
POLS 323	Politics of Eastern Europe
POLS 324	Politics of Asia
POLS 327	Politics of Continental Europe
POLS 390	Culture and Politics
POLS/LAS 319	Politics of Latin America
RELS 100	Introduction to the Religions of the World
RELS 304	Modern Christianity
RELS 307	Judaism
RELS 309	Islam
RELS 312	Buddhism: Past and Present
RELS 314	Hinduism
RELS 323	Chinese and Japanese Religions

1. Maximum one course per discipline. (Two from BSAD may be included if one of these is BSAD 398.) Electives must include at least six Upper Division Credits. A student cannot count the same course for both required and elective credits. (Major must total 60 credits. Credits earned in fulfillment of the IBE Requirement may count toward the 60 credits in the major.)
2. To count as an elective in the International Business major, the internship must satisfy the IBE requirement.

IBE Requirement

Students must complete an international business experience (IBE) in order to graduate with the International Business major. This requirement may be met by completing one of the following:

1. Complete an approved three-credit International Business Internship at an overseas location, or domestically with a small or large business engaged in international operations that allows the content of the internship to be international. The completion of an internship will include a written report as specified by the International Business advisor. Students must complete the internship application form for their internship in order to have the experience approved. The internship may count for up to three credits of International Business major elective (BSAD 398).
2. Complete an approved three-credit Upper Division Business business course at a study abroad site. This course may satisfy one of the major course requirements shown above, or may count as an elective in the International Business major.

HIP Assessment

International business majors must complete the High Impact Practices (HIP) assessment during their last semester.

Information for International Business Double Majors in the College of Business

Accounting:

Students who are double majoring in International Business and Accounting will be allowed to count either MGMT 345 or MKTG 335 (but not both) toward the elective credits required for the Accounting major (p. 431).

Finance:

Students who are double majoring in International Business and Finance will be allowed to count either MGMT 345 or MKTG 335 (but not both) toward the elective credits required for the Finance major (p. 434).

Management:

Students who are double majoring in International Business and Management will be allowed to count either FIN 325 or MKTG 335 (but not both) toward the elective credits required for the Management major (p. 457).

Marketing:

Students who are double majoring in International Business and Marketing will be allowed to count either FIN 325 or MGMT 345 (but not both) toward the elective credits required for the Marketing major (p. 462).

Students should contact their advisor to initiate the necessary degree audit petitions to implement any of the above.

International Business, Minor

(Code 740-411)

The International Business Minor is designed to enable students to enhance their perspective of the business environment as a global, rather than local, enterprise. Completion of the minor adds value to any major at UW-Eau Claire.

The minor requires foreign language competence at the 201 level. Advanced business courses taken during a study abroad semester will replace the directed study or independent study options listed below.

The minor consists of 24 semester credits, as follows:

Required Courses:	9
FIN 325 International Financial Management	3
MGMT 345 Managing Global Organizations	3
MKTG 335 International Marketing	3
Required Economics Course - Select one of the following:	3
ECON 351 International Economics	
ECON 353 Economics of Pacific Asia	
ECON 355 Economic Development	
ECON/LAS 356 Economic Development of Latin America	
Foreign Language Competency Requirement	
Students may choose to take a 201 or higher level foreign language course as part of their minor electives, or test out of a foreign language at the 201 level or higher	
Elective Courses - Select from the following ¹	12
Up to four credits of foreign language at the 201 level or higher ²	
ACCT 405 International Accounting	
ANTH 315 Language in Culture and Society	
ANTH 351 Cross-Cultural Dynamics	

ANTH 355	Peoples of Africa
ANTH 422	Anthropology of Law
ANTH 463	Religion and Culture
ANTH/ WMNS 356	Women in Cross-Cultural Perspective
ARTH 112	Art History Survey II
BSAD 315	International Business Law
BSAD 491	Selected Topics in Business
CJ 301	Intercultural Communication
CJ 319	International Communication
ECON 351	International Economics
ECON 353	Economics of Pacific Asia
ECON 355	Economic Development
ECON/LAS 356	Economic Development of Latin America
GEOG 301	Geography of Western Europe
GEOG 308	Geography of Russia and Eastern Europe
GEOG 319	Geography of the Middle East and North Africa
GEOG 321	Geography of Latin America
GEOG 366	Geography International Immersion Experience
HIST 124	World History to 1500
HIST 125	World History Since 1500
HIST 284	The Nazis and Germany, 1914-1945
HIST 286	History of World War II
HIST 292	Origins of Current World Conflicts
HIST 304	Greek Civilization
HIST 306	Roman Civilization
HIST 315	The Age of Reformation
HIST 326	Twentieth Century Europe, 1900 to Present
HIST 360	Modern France
HIST 362	Modern Germany
HIST 366	History of Middle East Since Muhammad
HIST 371	History of the Modern Balkans
HIST 375	Twentieth Century Russia
HIST 376	World War I and II Military
HIST 379	History of Modern East Europe
HIST 381	Comparative Genocide
HIST 382	Imperialism Since 1800
HIST 383	Modern Africa
HIST 384	The Vietnam War
HIST 387	Marco Polo's World, 1250-1350
HIST 388	History of China
HIST 389	History of Japan
HIST 393	Roots of Selected Contemporary World Problems
HIST/LAS 311	Latin America Since Independence
HIST/WMNS 385	The History of Middle Eastern Muslim Women
MGMT 343	Supply Chain Management
POLS 122	Introduction to World Politics

POLS 260	Introduction to Comparative Politics
POLS 265	Problems of the Developing Nations
POLS 321	Politics of the Middle East
POLS 322	Politics of Russia
POLS 323	Politics of Eastern Europe
POLS 324	Politics of Asia
POLS 327	Politics of Continental Europe
POLS 390	Culture and Politics
POLS/LAS 319	Politics of Latin America
RELS 100	Introduction to the Religions of the World
RELS 304	Modern Christianity
RELS 307	Judaism
RELS 309	Islam
RELS 312	Buddhism: Past and Present
RELS 314	Hinduism
RELS 323	Chinese and Japanese Religions

- Electives may include at most one course per discipline. At least six of the twelve elective credits must be 300 or 400 level courses
- Select from CHIN 201, FLG 201, FREN 201, GERM 201, JAPN 201, SPAN 201 or higher

The International Business minor DOES NOT COUNT as a second plan when combined with the standard Business Administration major. If you choose to complete this minor you will still need a second major, minor or other certificate in order to satisfy university academic concentration requirements (p. 50).

Leadership Studies, Certificate

(Code 820-601)

The **Leadership Studies Certificate** program is a special recognition awarded to students who have completed the following requirements:

- Leadership Certificate course work.** The following 12 credits of course work must be completed with a B- or higher GPA:

Required Courses:	Credits
MGMT 200 Developing the Leader Within You	3
MGMT 340 Organizational Behavior	3
Certificate Electives - Select from the following ¹	6
MGMT 446 Advanced Organizational Behavior	
MGMT 494 Topics in Leadership	
CJ 407 Leadership Communication	
MSL 101 Leadership and Personal Development	
MSL 102 Introduction to Tactical Leadership	
MSL 201 Innovative Team Leadership	
MSL 202 Foundations of Tactical Leadership	
HCAD 302 Leadership and Management Practices in Health Services	
MGMT 345 Managing Global Organizations ²	

- With at most 3 credits from MSL 101, MSL 102, MSL 201, MSL 202
- One credit of this course counts as elective credit toward the Leadership certificate

- Leadership Experience.** Students must provide evidence of bona fide leadership experience while completing the BBA degree. This is done by submitting a resumé that outlines the student’s leadership positions and experiences, briefly explaining responsibilities and accomplishments in each case, and submitting a letter of recommendation from an organization advisor, board member (non-student), or other supervisor. The letter of recommendation must specifically attest to the leadership requirements of the position held, and give specific examples of the leadership skills demonstrated by the student. **Generic, employment-related letters of reference will not be accepted.** Students are encouraged to obtain prior verification from the Management and Marketing department chair that their intended leadership experience will fulfill the requirements of the certificate.
- Leadership Reflection Paper.** Candidates for the Leadership Studies Certificate must submit a paper that reflects on the leadership experience documented by the resume and letter of recommendation described above. The paper should be five to seven pages in length, double-spaced in 12 point font. The suggested outline for the paper is as follows:
 - A description of the leadership experience
 - Self-evaluation of your strengths and weakness as a leader during these experiences.
 - Strategies and tactics for improving on your weaknesses and capitalizing on your strengths as a leader.
 - Evaluation of how your leadership course work relates to your leadership experiences.

The application form for the Leadership Studies Certificate is available in the Management and Marketing department office, SSS 400D. The resume, letter of recommendation, and reflection paper should be submitted with the completed application form.

The Leadership Studies certificate DOES NOT COUNT as a second plan when combined with the standard Business Administration major. If you choose to complete this certificate you will still need a second major, minor or other certificate in order to satisfy university academic concentration requirements (p. 50).

Management, Entrepreneur Program Emphasis, Comprehensive Major

(Code 820-002)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49)²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average

Certificate	2.00 average
University Residency Requirements (p. 50) ³	
Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits
Procedures Required for Graduation	
Obtain admission to the degree program and/or the College offering it.	
Apply for graduation on CampS.	

- ¹ Certain programs exceed this minimum.
² See special requirements in each College.
³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal	
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal	
Service-Learning (p. 49)	30 hours

College Degree Requirements

Bachelor of Business Administration Degree Requirements

Credits for Graduation

All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48 credit requirement.

Student Professional Development Program

All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. **Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300 level courses in the College of Business Core, and need to be completed prior to registration for those courses.**

The program consists of four workshops: Becoming a Business Professional, Professional Appearance, Developing your Professional Profile, and Professional Etiquette. For more information, visit the College of Business website (<http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program>).

Grade Point Requirements

Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 431) and Health Care Administration (p. 444).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student's major or business minor.

Major Requirements

The program offers a unique learning experience for students who aspire to either start their own business or secure employment in a growth-oriented business. The program helps students to identify viable career options in entrepreneur/intrepreneur environments, to expand conceptual and creative approaches to the entrepreneurial process, and to develop a repertoire of venture management skills. "Hands on" experiences with many guest speakers, field trips, and special projects are emphasized. The students expand their

creativity into a viable business plan that is the major project for the program. The program combines formal education with practical applications to develop skills in leadership, needs assessment, opportunity identification, resource development, strategic thinking, and risk taking. The ultimate goal of the program is to give the student an in-depth broad-based and practical education on the foundation of entrepreneurship.

Proficiency Requirements

Proficiency requirements include basic prerequisite courses and/or entry level competencies for the major. These are not counted as credits in the major.

Code	Title	Credits
ECON 103	Principles of Microeconomics	3
ECON 104	Principles of Macroeconomics	3
MATH 109	Algebra for Calculus ¹	4
MATH 246 or MATH 245	Elementary Statistics Introduction to Statistics	4

¹ MATH 109 or beyond, or competency to enter MATH 111

The BUSCORE

The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

Code	Title	Credits
BUSCORE Courses		
ACCT 201	Principles of Accounting I	3
BCOM 206	Business Writing ¹	2
BCOM 207	Business Presentations ²	2
IS 240	Information Systems in Business	3
BSAD 300	Diversity in the Workplace	1
BSAD 305	Legal and Regulatory Environment	2
FIN 320	Principles of Finance	3
MKTG 330	Principles of Marketing	3
MGMT 340	Organizational Behavior	3
MGMT 341	Operations Management	3
MGMT 449	Strategic Management in a Global Business Environment ³	3
Total Credits		28

¹ Students who earn less than a B- (B minus) in BCOM 206 must complete BCOM 216 with a grade of C or above.

² Students must earn a B- (B minus) or higher in BCOM 207.

³ MGMT 449 is a capstone course that requires prior completion of all other BUSCORE courses. This prerequisite is strictly enforced.

Requirements for the Entrepreneur Emphasis

Sixty semester credits, including the 28 credit BUSCORE plus 32 additional credits as follows:

Required Courses	Credits	
ACCT 312	Managerial Accounting	3
BSAD 306	Business Law	3
MGMT 371	Introduction to Entrepreneurship	3
MGMT 373	New Venture Feasibility	3

MGMT 374	New Venture Start-Up and Growth	3
MGMT 471	Business Plan Considerations and Drafting	3
Entrepreneur Program Electives - Select from the following:		14
MGMT 342	Quality Management	
MGMT 343	Supply Chain Management	
MGMT 344	Quantitative Methods for Management and Operations	
MGMT 347	Risk Management and Insurance	
MGMT 349	Human Resource Management	
MGMT 398	Internship Program I	
MGMT 414	Small Business Consulting	
MGMT 461	Lean Manufacturing Systems and Concepts	
MKTG 334	Marketing Research	
MKTG 337	Professional Selling	
MKTG 372	Advanced Marketing for Entrepreneurs	
MKTG 425	Marketing in Service Organizations	

HIP Assessment

Management majors with Entrepreneur program emphasis must complete the High Impact Practices (HIP) assessment during their last semester.

Management, Human Resource Management (HRM) Emphasis, Comprehensive Major

(Code 820-003)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements

Bachelor of Business Administration Degree Requirements

Credits for Graduation

All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48 credit requirement.

Student Professional Development Program

All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. **Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300 level courses in the College of Business Core, and need to be completed prior to registration for those courses.**

The program consists of four workshops: Becoming a Business Professional, Professional Appearance, Developing your Professional Profile, and Professional Etiquette. For more information, visit the College of Business website (<http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program>).

Grade Point Requirements

Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 431) and Health Care Administration (p. 444).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student's major or business minor.

Major Requirements

This emphasis is structured to prepare students for careers in HRM immediately upon graduation or shortly thereafter. Historically, "personnel departments" were primarily administrative in scope. Today, there is tremendous complexity, diversity, and sophistication confronting managers of human resources. Most corporations require highly skilled professionals who have been academically trained in the areas of HRM. Corporations now are looking to the "human resource function" as a strategic partner in executive decision making. The HRM emphasis will prepare students in the following areas: staffing (recruitment and selection), training and development, labor relations, compensation and benefits, employee relations, organizational change, and relevant legal concerns. Special focus will be directed at the changing demographic composition of employees and Workforce 2000 issues. Students are encouraged to take additional written and oral communication courses. Students will be required to study for and take the Society for Human Resource Management Certification Test.

Proficiency Requirements

Proficiency requirements include basic prerequisite courses and/or entry level competencies for the major. These are not counted as credits in the major.

Code	Title	Credits
ECON 103	Principles of Microeconomics	3
ECON 104	Principles of Macroeconomics	3
MATH 109	Algebra for Calculus ¹	4
MATH 246 or MATH 245	Elementary Statistics Introduction to Statistics	4

¹ MATH 109 or beyond, or competency to enter MATH 111

The BUSCORE

The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

Code	Title	Credits
BUSCORE Courses		
ACCT 201	Principles of Accounting I	3
BCOM 206	Business Writing ¹	2
BCOM 207	Business Presentations ²	2
IS 240	Information Systems in Business	3
BSAD 300	Diversity in the Workplace	1
BSAD 305	Legal and Regulatory Environment	2
FIN 320	Principles of Finance	3
MKTG 330	Principles of Marketing	3
MGMT 340	Organizational Behavior	3
MGMT 341	Operations Management	3
MGMT 449	Strategic Management in a Global Business Environment ³	3
Total Credits		28

¹ Students who earn less than a B- (B minus) in BCOM 206 must complete BCOM 216 with a grade of C or above.

² Students must earn a B- (B minus) or higher in BCOM 207.

³ MGMT 449 is a capstone course that requires prior completion of all other BUSCORE courses. This prerequisite is strictly enforced.

Requirements for the Human Resource Management Emphasis

Sixty semester credits, including the 28 credit BUSCORE plus 32 additional credits as follows:

Required Courses	Credits	
MGMT 349	Human Resource Management	3
MGMT 445	Compensation Theory and Administration	3
MGMT 446	Advanced Organizational Behavior	3
MGMT 455	Industrial Relations	3
MGMT 459	Advanced Human Resource Management	2
ACCT 312	Managerial Accounting	3
CJ 350	Human Resource Development	3

Pass the Society for Human Resource Management (SHRM) Certification Examination ¹

Human Resources Management Electives - Select from the following: ²	Credits	
MGMT 200	Developing the Leader Within You	12
MGMT 342	Quality Management	
MGMT 343	Supply Chain Management	
MGMT 344	Quantitative Methods for Management and Operations	
MGMT 345	Managing Global Organizations	
MGMT 347	Risk Management and Insurance	
MGMT 398	Internship Program I	
MGMT 399	Independent Study Projects	
MGMT 414	Small Business Consulting	
MGMT 441	Service Operations Management	
MGMT 442	Production Planning and Control	
MGMT 443	Process Simulation and Analysis	
MGMT 492	Topics in Human Resource Management	
MGMT 494	Topics in Leadership	
MGMT 499	Independent Study Projects	
BCOM 405	Advanced Business Communications	
BSAD 306	Business Law	
ECON 330	Economics of American Minorities	

¹ Students who meet all requirements for this emphasis except the certification requirement are considered to have satisfied requirements for the Management emphasis.

² With one course at most from MGMT 441, MGMT 442; and three credits at most from MGMT 399, MGMT 499

HIP Assessment

Management majors with Human Resource Management emphasis must complete the High Impact Practices (HIP) assessment during their last semester.

Management, Management Emphasis, Comprehensive Major

(Code 820-000)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30

Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
a minimum of 36 credits		
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>)

One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

College Degree Requirements**Bachelor of Business Administration Degree Requirements****Credits for Graduation**

All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48 credit requirement.

Student Professional Development Program

All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. **Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300 level courses in the College of Business Core, and need to be completed prior to registration for those courses.**

The program consists of four workshops: Becoming a Business Professional, Professional Appearance, Developing your Professional Profile, and Professional Etiquette. For more information, visit the College of Business website (<http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program>).

Grade Point Requirements

Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 431) and Health Care Administration (p. 444).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student's major or business minor.

Major Requirements

The general management emphasis provides a broad background focusing on the effective management and development of employees within the firm.

Proficiency Requirements

Proficiency requirements include basic prerequisite courses and/or entry level competencies for the major. These are not counted as credits in the major.

Code	Title	Credits
ECON 103	Principles of Microeconomics	3
ECON 104	Principles of Macroeconomics	3

MATH 109	Algebra for Calculus ¹	4
MATH 246 or MATH 245	Elementary Statistics Introduction to Statistics	4

¹ MATH 109 or beyond, or competency to enter MATH 111

The BUSCORE

The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

Code	Title	Credits
BUSCORE Courses		
ACCT 201	Principles of Accounting I	3
BCOM 206	Business Writing ¹	2
BCOM 207	Business Presentations ²	2
IS 240	Information Systems in Business	3
BSAD 300	Diversity in the Workplace	1
BSAD 305	Legal and Regulatory Environment	2
FIN 320	Principles of Finance	3
MKTG 330	Principles of Marketing	3
MGMT 340	Organizational Behavior	3
MGMT 341	Operations Management	3
MGMT 449	Strategic Management in a Global Business Environment ³	3
Total Credits		28

¹ Students who earn less than a B- (B minus) in BCOM 206 must complete BCOM 216 with a grade of C or above.

² Students must earn a B- (B minus) or higher in BCOM 207.

³ MGMT 449 is a capstone course that requires prior completion of all other BUSCORE courses. This prerequisite is strictly enforced.

Requirements for the General Management Emphasis

Sixty semester credits, including the 28 credit BUSCORE and 32 additional credits as follows:

Required Courses	12	
ACCT 312	Managerial Accounting	3
MGMT 349	Human Resource Management	3
MGMT 200 or MGMT 446	Developing the Leader Within You Advanced Organizational Behavior	3
Select one of the following:	3	
MGMT 342	Quality Management	
MGMT 343	Supply Chain Management	
MGMT 441	Service Operations Management	
MGMT 442	Production Planning and Control	
Electives - Select from the following:	20	
MGMT 200	Developing the Leader Within You	
MGMT 342	Quality Management	
MGMT 343	Supply Chain Management	
MGMT 344	Quantitative Methods for Management and Operations	
MGMT 345	Managing Global Organizations	

MGMT 347	Risk Management and Insurance	
MGMT 354	Materials Management Simulation	
MGMT 398	Internship Program I	
MGMT 399	Independent Study Projects ¹	
MGMT 414	Small Business Consulting	
MGMT 441	Service Operations Management	
MGMT 442	Production Planning and Control	
MGMT 443	Process Simulation and Analysis	
MGMT 445	Compensation Theory and Administration	
MGMT 446	Advanced Organizational Behavior	
MGMT 452	Master Planning of Resources	
MGMT 455	Industrial Relations	
MGMT 459	Advanced Human Resource Management	
MGMT 461	Lean Manufacturing Systems and Concepts	
MGMT 492	Topics in Human Resource Management	
MGMT 493	Topics in Operations Management	
MGMT 494	Topics in Leadership	
MGMT 499	Independent Study Projects ¹	
BCOM 306	Advanced Business Writing ²	
BCOM 307	Advanced Business Presentations ²	
BCOM 405	Advanced Business Communications ²	
BSAD 306	Business Law	
MKTG 432	Retail Management ³	
MKTG 433	Sales Management ³	

¹ with three credits at most from MGMT 399, MGMT 499

² with one course at most from BCOM 306, BCOM 307, BCOM 405

³ with one course at most from MKTG 432, MKTG 433

HIP Assessment

General management majors must complete the High Impact Practices (HIP) assessment during their last semester.

Management, Minor

(Code 820-401)

Twenty-seven semester credits, as follows:

Required Courses:	21	
ACCT 201	Principles of Accounting I	3
ECON 103	Principles of Microeconomics	3
ECON 104	Principles of Macroeconomics	3
IS 240	Information Systems in Business	3
MGMT 340	Organizational Behavior	3
MGMT 341	Operations Management	3
MGMT 349	Human Resource Management	3
Management Minor Electives - Select from the following:	6	
MGMT 342	Quality Management	
MGMT 343	Supply Chain Management	
MGMT 344	Quantitative Methods for Management and Operations	

MGMT 345	Managing Global Organizations
MGMT 347	Risk Management and Insurance
MGMT 441	Service Operations Management
MGMT 442	Production Planning and Control
MGMT 443	Process Simulation and Analysis
MGMT 445	Compensation Theory and Administration
MGMT 446	Advanced Organizational Behavior
MGMT 455	Industrial Relations

Management, Operations and Supply Chain Management Emphasis, Comprehensive Major

(Code 820-004)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total	2.00 average	
Resident	2.00 average	
Major	2.00 average	
Minor	2.00 average	
Certificate	2.00 average	
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate	25 percent of credits	
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		
Apply for graduation on CampS.		

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

Bachelor of Business Administration Degree Requirements

Credits for Graduation

All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48 credit requirement.

Student Professional Development Program

All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter

their chosen careers. **Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300 level courses in the College of Business Core, and need to be completed prior to registration for those courses.**

The program consists of four workshops: Becoming a Business Professional, Professional Appearance, Developing your Professional Profile, and Professional Etiquette. For more information, visit the College of Business website (<http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program>).

Grade Point Requirements

Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 431) and Health Care Administration (p. 444).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student's major or business minor.

Major Requirements

Students may select this emphasis which is designed to prepare them for careers in operations and supply chain management. Students are required to pursue professional certification as a CPIM (Certified in Production and Inventory Management). Information on certification is available from the department office.

Proficiency Requirements

Proficiency requirements include basic prerequisite courses and/or entry level competencies for the major. These are not counted as credits in the major.

Code	Title	Credits
ECON 103	Principles of Microeconomics	3
ECON 104	Principles of Macroeconomics	3
MATH 109	Algebra for Calculus ¹	4
MATH 246 or MATH 245	Elementary Statistics Introduction to Statistics	4

¹ MATH 109 or beyond, or competency to enter MATH 111

The BUSCORE

The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

Code	Title	Credits
BUSCORE Courses		
ACCT 201	Principles of Accounting I	3
BCOM 206	Business Writing ¹	2
BCOM 207	Business Presentations ²	2
IS 240	Information Systems in Business	3
BSAD 300	Diversity in the Workplace	1
BSAD 305	Legal and Regulatory Environment	2

FIN 320	Principles of Finance	3
MKTG 330	Principles of Marketing	3
MGMT 340	Organizational Behavior	3
MGMT 341	Operations Management	3
MGMT 449	Strategic Management in a Global Business Environment ³	3

Total Credits **28**

- ¹ Students who earn less than a B- (B minus) in BCOM 206 must complete BCOM 216 with a grade of C or above.
- ² Students must earn a B- (B minus) or higher in BCOM 207 .
- ³ MGMT 449 is a capstone course that requires prior completion of all other BUSCORE courses. This prerequisite is strictly enforced.

Requirements for the Operations and Supply Chain Management Emphasis

Sixty semester credits, including the 28 credit BUSCORE and 32 additional credits as follows:

Required Courses		21
ACCT 312	Managerial Accounting	3
MGMT 342	Quality Management	3
MGMT 343	Supply Chain Management	3
MGMT 344	Quantitative Methods for Management and Operations	3
MGMT 349	Human Resource Management	3
MGMT 442	Production Planning and Control	3
MGMT 461	Lean Manufacturing Systems and Concepts	3

Required CPIM Certification Exam ¹

Electives - Select from: ²		11
MGMT 345	Managing Global Organizations	
MGMT 347	Risk Management and Insurance	
MGMT 354	Materials Management Simulation	
MGMT 398	Internship Program I	
MGMT 399	Independent Study Projects ¹	
MGMT 414	Small Business Consulting	
MGMT 441	Service Operations Management	
MGMT 443	Process Simulation and Analysis	
MGMT 446	Advanced Organizational Behavior	
MGMT 452	Master Planning of Resources	
MGMT 455	Industrial Relations	
MGMT 493	Topics in Operations Management	
MGMT 499	Independent Study Projects ¹	
BCOM 405	Advanced Business Communications	
BSAD 306	Business Law	
IS 455	Project Management	
MKTG 336	Business Logistics Management	

- Students must pass one of the following APICS Certified in Production and Inventory Management (CPIM) examinations: Master Planning of Resources, Detailed Scheduling and Planning, Execution and Control, or Strategic Management of Resources. Students who meet all requirements for this emphasis except the certification exam are considered to have satisfied requirements for the Management emphasis.
- With three credits at most from MGMT 399, MGMT 499.

HIP Assessment

Management majors with Operations and Supply Chain Management emphasis must complete the High Impact Practices (HIP) assessment during their last semester.

Marketing, Comprehensive Major

(Code 840-000)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
	Obtain admission to the degree program and/or the College offering it.	
	Apply for graduation on CampS.	

- Certain programs exceed this minimum.
- See special requirements in each College.
- See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate

will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
	Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal		
	Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
	One S1 must meet the University Writing Requirement (p. 49)	
	Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
	One S2 to meet the University Mathematics Requirement (p. 49)	
	Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal		
	Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
	One R1 must satisfy Design for Diversity (p. 49)	
	Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
	Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal		
	Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal		
	Service-Learning (p. 49)	30 hours

College Degree Requirements Bachelor of Business Administration Degree Requirements

Credits for Graduation

All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48 credit requirement.

Student Professional Development Program

All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. **Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300 level courses in the College of Business Core, and need to be completed prior to registration for those courses.**

The program consists of four workshops: Becoming a Business Professional, Professional Appearance, Developing your Professional Profile, and Professional Etiquette. For more information, visit the College of Business website (<http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program>).

Grade Point Requirements

Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 431) and Health Care Administration (p. 444).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student's major or business minor.

Major Requirements

Marketing involves the performance of activities that facilitate exchange, such as buying, selling, pricing, and transporting. Marketing is done by business organizations, nonprofit entities, even individuals like political candidates, using strategies appealing to final consumers, organizational buyers, and other publics. Careers in marketing typically begin with sales jobs and retail store management training, and progress (often with graduate study) to the management of functions like sales, advertising, distribution, market research, and purchasing.

Proficiency Requirements

Proficiency requirements include basic prerequisite courses and/or entry level competencies for the major. These are not counted as credits in the major.

Code	Title	Credits
ECON 103	Principles of Microeconomics	3
ECON 104	Principles of Macroeconomics	3
MATH 109	Algebra for Calculus ¹	4
MATH 246	Elementary Statistics	4
or MATH 245	Introduction to Statistics	

¹ MATH 109 or beyond, or competency to enter MATH 111

The BUSCORE

The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

Code	Title	Credits
BUSCORE Courses		

ACCT 201	Principles of Accounting I	3
BCOM 206	Business Writing ¹	2
BCOM 207	Business Presentations ²	2
IS 240	Information Systems in Business	3
BSAD 300	Diversity in the Workplace	1
BSAD 305	Legal and Regulatory Environment	2
FIN 320	Principles of Finance	3
MKTG 330	Principles of Marketing	3
MGMT 340	Organizational Behavior	3
MGMT 341	Operations Management	3
MGMT 449	Strategic Management in a Global Business Environment ³	3
Total Credits		28

- ¹ Students who earn less than a B- (B minus) in BCOM 206 must complete BCOM 216 with a grade of C or above.
- ² Students must earn a B- (B minus) or higher in BCOM 207.
- ³ MGMT 449 is a capstone course that requires prior completion of all other BUSCORE courses. This prerequisite is strictly enforced.

Requirements for the Marketing Major

Sixty semester credits, including the 28 credit BUSCORE and 32 additional credits as follows:

Required Courses		15
ACCT 312	Managerial Accounting	3
MKTG 331	Buyer Behavior	3
MKTG 334	Marketing Research	3
MKTG 338	Marketing Analytics and Technology	3
MKTG 438	Marketing Management	3
Marketing Electives - Select from the following		17
MKTG 332	Marketing Communications and Promotion Analysis	
MKTG 335	International Marketing	
MKTG 336	Business Logistics Management	
MKTG 337	Professional Selling	
MKTG 398	Internship Program I	
MKTG 425	Marketing in Service Organizations	
MKTG 432	Retail Management	
MKTG 433	Sales Management	
MKTG 434	Advanced Marketing Analytics	
MKTG 437	Business-to-Business Marketing	
MKTG 491	Selected Topics	
MGMT 343	Supply Chain Management ¹	
MGMT 441	Service Operations Management ¹	
BCOM 306	Advanced Business Writing ²	
BCOM 307	Advanced Business Presentations ²	
BCOM 405	Advanced Business Communications ²	
BSAD 306	Business Law	

- ¹ With one course at most from MGMT 343, MGMT 441
- ² With two courses at most from BCOM 306, BCOM 307, BCOM 405. The Marketing faculty recommend the Advanced Business Communication certificate for Marketing majors.

HIP Assessment

General Marketing majors must complete the High Impact Practices (HIP) assessment during their last semester.

Marketing, Marketing Analytics Emphasis, Comprehensive Major

(Code 840-002)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

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The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
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	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
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Skills Goal		
	Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
	One S1 must meet the University Writing Requirement (p. 49)	
	Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
	One S2 to meet the University Mathematics Requirement (p. 49)	
	Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal		
	Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
	One R1 must satisfy Design for Diversity (p. 49)	
	Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
	Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal		
	Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal		
	Service-Learning (p. 49)	30 hours

College Degree Requirements Bachelor of Business Administration Degree Requirements

Credits for Graduation

All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those offered by the College of Business. The Health Care Administration major is exempt from the 48 credit requirement.

Student Professional Development Program

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their chosen careers. **Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300 level courses in the College of Business Core, and need to be completed prior to registration for those courses.**

The program consists of four workshops: Becoming a Business Professional, Professional Appearance, Developing your Professional Profile, and Professional Etiquette. For more information, visit the College of Business website (<http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program>).

Grade Point Requirements

Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 431) and Health Care Administration (p. 444).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student's major or business minor.

Major Requirements

The Marketing Analytics emphasis is designed to help prepare marketing students for success in analytical marketing decision-making. It places emphasis on analyzing marketing databases using the latest software technology. This emphasis is designed to meet the growing demands for analytical decision-making in merchandising, purchasing, retailing, internet marketing, fact-based selling, and integrated marketing communications.

The BUSCORE

The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

Code	Title	Credits
BUSCORE Courses		
ACCT 201	Principles of Accounting I	3
BCOM 206	Business Writing ¹	2
BCOM 207	Business Presentations ²	2
IS 240	Information Systems in Business	3
BSAD 300	Diversity in the Workplace	1
BSAD 305	Legal and Regulatory Environment	2
FIN 320	Principles of Finance	3
MKTG 330	Principles of Marketing	3
MGMT 340	Organizational Behavior	3
MGMT 341	Operations Management	3
MGMT 449	Strategic Management in a Global Business Environment ³	3
Total Credits		28

¹ Students who earn less than a B- (B minus) in BCOM 206 must complete BCOM 216 with a grade of C or above.

² Students must earn a B- (B minus) or higher in BCOM 207.

³ MGMT 449 is a capstone course that requires prior completion of all other BUSCORE courses. This prerequisite is strictly enforced.

Requirements for the Marketing Analytics Emphasis

Sixty semester credits, including the 28 credit BUSCORE and 32 additional credits as follows:

Required Courses		21
ACCT 312	Managerial Accounting	3
IS 290	Introduction to Database Applications	3
MKTG 332	Marketing Communications and Promotion Analysis	3
MKTG 334	Marketing Research	3
MKTG 338	Marketing Analytics and Technology	3
MKTG 434	Advanced Marketing Analytics	3
MKTG 438	Marketing Management	3
Electives - Select from the following:		11
MKTG 331	Buyer Behavior	
MKTG 335	International Marketing	
MKTG 337	Professional Selling ²	
MKTG 398	Internship Program I	
MKTG 425	Marketing in Service Organizations	
MKTG 432	Retail Management ²	
MKTG 433	Sales Management	
MKTG 490	Advanced Sales Topics	
MKTG 491	Selected Topics	
BCOM 306	Advanced Business Writing ¹	
BCOM 307	Advanced Business Presentations ¹	
BCOM 405	Advanced Business Communications ¹	
BSAD 306	Business Law	

¹ with one course at most from BCOM 306, BCOM 307, BCOM 405

² MKTG 337 or MKTG 432 are strongly recommended.

HIP Assessment

Marketing majors with Marketing Analytics emphasis must complete the High Impact Practices (HIP) assessment during their last semester.

Marketing, Minor

(Code 840-401)

Twenty-four semester credits, as follows:

Required Courses:		15
ACCT 201	Principles of Accounting I	3
ECON 103	Principles of Microeconomics	3
ECON 104	Principles of Macroeconomics	3
IS 240	Information Systems in Business	3
MKTG 330	Principles of Marketing	3
Marketing Minor Electives - Select from the following:		9
MKTG 331	Buyer Behavior	
MKTG 332	Marketing Communications and Promotion Analysis	

MKTG 334	Marketing Research
MKTG 335	International Marketing
MKTG 336	Business Logistics Management
MKTG 337	Professional Selling
MKTG 425	Marketing in Service Organizations
MKTG 432	Retail Management
MKTG 433	Sales Management
MKTG 434	Advanced Marketing Analytics
MKTG 437	Business-to-Business Marketing

The Marketing minor DOES NOT COUNT as a second plan when combined with the standard Business Administration major. If you choose to complete this minor you will still need a second major, minor or other certificate in order to satisfy university academic concentration requirements (p. 50).

Marketing, Professional Sales Emphasis, Comprehensive Major

(Code 840-001)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
	Obtain admission to the degree program and/or the College offering it.	
	Apply for graduation on CampS.	

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

Bachelor of Business Administration Degree Requirements

Credits for Graduation

All candidates for the BBA degree need a minimum of 120 credits to graduate, to include a minimum of 48 semester credits in courses other than those

offered by the College of Business. The Health Care Administration major is exempt from the 48 credit requirement.

Student Professional Development Program

All students pursuing a major in the College of Business must complete the Student Professional Development Workshops. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers. **Students are highly encouraged to complete the workshops prior to the end of their third semester on campus. The workshops are prerequisites for a number of 300 level courses in the College of Business Core, and need to be completed prior to registration for those courses.**

The program consists of four workshops: Becoming a Business Professional, Professional Appearance, Developing your Professional Profile, and Professional Etiquette. For more information, visit the College of Business website (<http://www.uwec.edu/academics/college-business/academic-resources/student-professional-development-program>).

Grade Point Requirements

Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting (p. 431) and Health Care Administration (p. 444).) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student's major or business minor.

Major Requirements

Students may select the Professional Sales emphasis designed to prepare them for competence in oral persuasion skills, proposal preparation, negotiating, relationship management, and sales force management.

Proficiency Requirements

Proficiency requirements include basic prerequisite courses and/or entry level competencies for the major. These are not counted as credits in the major.

Code	Title	Credits
ECON 103	Principles of Microeconomics	3
ECON 104	Principles of Macroeconomics	3
MATH 109	Algebra for Calculus ¹	4
MATH 246 or MATH 245	Elementary Statistics Introduction to Statistics	4

¹ MATH 109 or beyond, or competency to enter MATH 111

The BUSCORE

The BUSCORE is the common body of courses taken by all BBA students with the exception of the Health Care Administration major. It consists of the following courses:

Code	Title	Credits
BUSCORE Courses		
ACCT 201	Principles of Accounting I	3

BCOM 206	Business Writing ¹	2
BCOM 207	Business Presentations ²	2
IS 240	Information Systems in Business	3
BSAD 300	Diversity in the Workplace	1
BSAD 305	Legal and Regulatory Environment	2
FIN 320	Principles of Finance	3
MKTG 330	Principles of Marketing	3
MGMT 340	Organizational Behavior	3
MGMT 341	Operations Management	3
MGMT 449	Strategic Management in a Global Business Environment ³	3

Total Credits **28**

- ¹ Students who earn less than a B- (B minus) in BCOM 206 must complete BCOM 216 with a grade of C or above.
- ² Students must earn a B- (B minus) or higher in BCOM 207.
- ³ MGMT 449 is a capstone course that requires prior completion of all other BUSCORE courses. This prerequisite is strictly enforced.

Requirements for the Professional Sales Emphasis

Sixty semester credits, including the 28 credit BUSCORE and 32 additional credits as follows:

Required Courses		21
ACCT 312	Managerial Accounting	3
MKTG 334	Marketing Research	3
MKTG 337	Professional Selling	3
MKTG 338	Marketing Analytics and Technology	3
MKTG 433	Sales Management	3
MKTG 438	Marketing Management	3
MKTG 490	Advanced Sales Topics	3
Electives - Select from the following:		11
MKTG 331	Buyer Behavior	
MKTG 332	Marketing Communications and Promotion Analysis ²	
MKTG 335	International Marketing ²	
MKTG 336	Business Logistics Management	
MKTG 398	Internship Program I	
MKTG 425	Marketing in Service Organizations	
MKTG 432	Retail Management ²	
MKTG 434	Advanced Marketing Analytics	
MKTG 437	Business-to-Business Marketing ²	
MKTG 491	Selected Topics	
MGMT 343	Supply Chain Management ²	
BCOM 306	Advanced Business Writing ¹	
BCOM 307	Advanced Business Presentations ¹	
BCOM 405	Advanced Business Communications ¹	
BSAD 306	Business Law	

- ¹ With at most one course from BCOM 306, BCOM 307, BCOM 405
- ² MKTG 332, MKTG 335, MKTG 432, MKTG 437 or MGMT 343 are strongly recommended.

HIP Assessment

Marketing majors with Professional Sales emphasis must complete the High Impact Practices (HIP) assessment during their last semester.

Military Science and Leadership

Military Science and Leadership

Schneider Social Science 209 | 715-836-3617 | rotc@uwec.edu
www.uwec.edu/cob/centerforleadership/rotc

The Military Science and Leadership courses are part of the Army Reserve Officer Training Corps (ROTC). These courses prepare a student, along with earning a bachelor's degree, to receive a commission as an Army officer for either active duty, the Army National Guard, or the Army Reserve.

MSL classes include three components: lecture, leadership lab, and physical training sessions:

Lecture – Lecture content focuses on leadership development, leadership theories, Army fundamentals, written and oral communication skills, cultural awareness, mentoring, and emphasize practical leadership application.

Leadership Lab – Students will continue to develop proficiency in planning and executing complex operations and mentoring subordinates in the ROTC program. Explore training management, staff collaboration, and developmental counseling techniques. Attendance is required at a two hour session, 1 day per week as indicated on the class schedule.

Physical Training – Includes techniques to improve muscular strength and endurance and cardio-respiratory capacity. Includes strength and aerobic exercises, water confidence training, distance running, military drills and team sports. Required for all students, one to three days per week depending on course level. See individual course descriptions for physical training hours required per week. Note: Students may select their physical training days, subject to the required number of sessions per week. Physical training sessions are typically scheduled at the same time of day as the leadership lab, on those weekdays when leadership lab is not scheduled.

Students also participate in off-campus training exercises and competitions. Cadets can compete to attend training nationwide and overseas. Cadets who sign a contract to complete ROTC receive a monthly stipend while in school. Experienced Army cadre instruct and mentor as a team in class, leadership lab, and physical training, thus providing leadership feedback and mentoring to the students from several perspectives.

Basic Courses. 100- and 200-level MSL courses are open to any UW-Eau Claire undergraduate student regardless of major. Students may start the classes in either the fall or spring semester. Taking these classes requires no obligation to the Army. The basic courses can be fulfilled in three ways: taking all four courses, completing military basic training, or attending the four-week summer ROTC Leader Training Course in Kentucky. Students with six semesters remaining until graduation may take the 100- and 200-level courses concurrently. These classes can be taken during study abroad.

Advanced Courses. 300- and 400-level MSL courses are open to any UW-Eau Claire undergraduate student regardless of major. Graduate students may enroll in the corresponding 500- and 600-level dual-numbered courses.

Taking these classes requires that the student make a commitment to contract as a Cadet which requires service to the active Army, Army Reserve or Army National Guard after graduation. Enrollment requires receiving credit for the basic courses and meeting Army prerequisites. Students must have four semesters remaining in full-time status to complete the MSL 301/MSL 302/MSL 401/MSL 402 course series. Students hold leadership positions throughout the semester and have significant responsibilities in planning and leading training during leadership lab and physical training. All advanced cadets attend the capstone Leadership Development and Assessment Course at Fort Knox, KY. MSL 301 and MSL 302 must be taken in sequence followed by the capstone summer training. Students are required to take an upper level U.S. military history course, which can be fulfilled by taking HIST 384, HIST 376, or HIST 377. Students must maintain a 2.0 GPA to receive a commission.

ROTC Scholarships. Cadets may be eligible for tuition scholarship, room and board scholarship, study abroad scholarship, or federal tuition benefits. For more information, visit www.goarmy.com/rotc/scholarships.jsp (<http://www.goarmy.com/rotc/scholarships.jsp>) or contact the ROTC cadre, Schneider 113. Interested students must contact the ROTC Office to determine the correct course in which to enroll, to get enrollment permissions, and to complete required paperwork.

Faculty

Jesse Johnson
 Matt Kelly
 Eric Lee

College of Education and Human Sciences

Carmen Manning, Dean (Centennial 3015)
Jill Prushiek, Associate Dean (Centennial 3015)

College of Education and Human Sciences Departments

Teacher Education Departments

- Education Studies (p. 475)
- Special Education (p. 483)

Human Sciences Departments

- Communication Sciences and Disorders (p. 495)
- Kinesiology (p. 499)
- Social Work (p. 523)

College Centers, Clinics and Special Projects

- Camp Campus
- Cancer Recovery and Fitness Program
- Center for Communication Disorders
- Community Fitness Program
- Early Childhood Literacy Intervention Program, Services and Evaluation (ECLIPSE)
- Home School Physical Education Program
- Learning Enhancement and Progress (LEAP) Clinic
- Physical Activity and Recreation for Individuals with Disabilities in the Eau Claire Area (PRIDE) Program
- Reading Partners Program

College Vision, Mission and Core Values

The vision of the College of Education and Human Sciences (CoEHS) is to be a regional leader in the development of highly competent, critically engaged professionals who enhance the lives of others in an increasingly diverse society.

Committed to the highest standards of academic excellence, our mission is to prepare students to become engaged professionals who are creative thinkers, evidence-informed practitioners, and culturally responsive individuals.

Integrity, collaboration, and social justice are the core values that enable us to fulfill our mission and move toward achieving our vision.

Dean's List

At the end of each semester, the College of Education and Human Sciences recognizes excellence in scholastic achievement by publishing the Dean's List. For teacher education majors, eligibility for this recognition requires admission to a teacher education program or pre-education status, but excludes the professional semester.

To be eligible, a student must:

1. be in good academic standing;
2. have a minimum semester GPA of 3.70;
3. have completed at least 12 credits during the semester, with no incompletes, no courses below the 100 level, no repeats, and no

Satisfactory/Unsatisfactory registrations (except in degree credit-bearing courses that are offered only on the S/U grading system in which a grade of S has been earned).

Students who meet this standard of achievement receive personal letters of notification and congratulations from the Dean.

Criminal History and/or Caregiver Background Checks

Wisconsin law requires that persons responsible for the care, safety, and security of children and adults will be required to have background checks. In some cases, placement into an externship, professional semester, internship, or practicum will be dependent on the background check results. In some cases, students may be unable to complete field experiences required of their programs because of background check results. In such cases, students should work closely with their advisers and the associate dean to determine the impact these results will have on their academic program. Students are responsible for all costs associated with background checks. Results of checks may be shared with the practicum, professional semester, externship, or internship site.

The College of Education and Human Sciences requires applicants to complete a Background Information Disclosure and a release for a criminal background check. Falsification or omission of information relevant to the questions may constitute grounds for denial of admission to the course(s) or for termination of admission if the falsification or omission is discovered after admission. Further, after submission of the questionnaire, while an application is being considered or while a student in the program, if circumstances occur that would change any response(s), students must inform the College of the changed response(s). For further information, contact the College of Education and Human Sciences Associate Dean's office (Centennial 3015).

Liability for Health Care Expenses

All expenses associated with health surveillance and care are borne by the student unless the Student Health Service specifically indicates otherwise. Students are not covered by health or accident insurance by UW-Eau Claire, the practicum facility, or the practicum institution. In addition, workers' compensation insurance does not cover students. For example, if students suffer a needle stick or are hurt while in practicum, they will need personal health insurance to cover medical bills.

Teacher Education

The programs in teacher education offered in the College of Education and Human Sciences are fully approved by the Wisconsin Department of Public Instruction.

Bachelor's Degree Programs

The University offers bachelor's degrees to teacher education candidates in Middle Childhood through Early Adolescence (MC-EA), Early Adolescence through Adolescence/Early Childhood through Adolescence (EA-A/EC-A), and Special Education.

Middle Childhood through Early Adolescence (Ages 6-13)

The Bachelor of Science degree in Elementary Education is designed to provide candidates with sufficient breadth and depth in the disciplines taught in middle childhood through early adolescence classrooms to prepare them to work in self-contained classrooms or in multiunit schools. The preparation focuses on an understanding of children and the learning processes as well as on effective methods of presentation. **A certifiable minor also is required.**

Early Adolescence through Adolescence (Ages 10-21)

Degree programs in Secondary Education provide specialized preparation through academic majors and minors which have been approved for teacher certification. Students preparing to teach in middle, secondary, or continuing education programs must complete certifiable specializations according to one of the following options:

1. a standard major of 36 credits and a second program that is either a minor of 24 credits or a certificate (12-18 credits); or
2. two standard majors of 36 credits each; or
3. a comprehensive major of 60 or more credits.

A list of certifiable majors and minors is found in the section of this catalog devoted to the Department of Education Studies.

NOTE: With option 1, the student may elect a certifiable minor, but a certifiable minor is not required.

Early Childhood through Adolescence (Ages 6-21)

Programs are offered which prepare teachers to work with children at all grade levels in art, foreign languages, music, physical education, and theatre arts.

Special Education

The Bachelor of Science degree in Special Education provides graduates with professional abilities in educational assessment, staffing, programming, and teaching children and youth with disabilities. Teacher preparation is offered in the areas of cognitive disabilities, emotional/behavioral disabilities, learning disabilities, and unified early childhood: special education and regular education. Various combinations of teacher certification in special education and middle childhood through early adolescence regular education are also available.

Graduate Programs

Teacher and other school personnel programs are offered at the graduate level in professional development, special education, reading, communication sciences and disorders, school psychology, library science, and social work (Madison-Eau Claire program).

Non-degree Programs and Additional Certification Programs

Non-degree programs leading to teacher certification in any of the fields of study offered in baccalaureate and graduate programs can be arranged for candidates who hold a bachelor's or advanced degree. Due to enrollment limitations, a small number of students are accepted in non-degree and second degree programs.

Directed and Independent Studies

Many opportunities are available for students to study, independently or in small groups, problems and topics in education which may not be included or explored in depth in regular course offerings.

Directed studies for groups can be arranged by departments and offered as special courses, either on campus or in off-campus settings. Those interested in directed studies should consult with a department chair.

Independent study, through a student-initiated procedure in which a unit of study is described and approved prior to enrollment, allows a student to earn one to three credits for each such educational experience. Those interested in independent study should obtain appropriate forms in department offices.

Independent and directed study should not be used as a way of taking courses which are approved as regular offerings in the College.

International Education

Students are invited to participate in exchange programs sponsored by the Center for International Education. In the sophomore, junior, and senior years, study abroad programs offer students opportunities to visit another country and take courses on the host campus that will fulfill UW-Eau Claire requirements.

Students are also encouraged to consider completing part of their student teaching experience in classrooms in a variety of countries. Exchange student teaching programs are available during the fall and spring semesters through Educators Abroad and meet Department of Public Instruction requirements. Students must complete one student teaching placement in Wisconsin and then complete an additional placement in another country, following its academic calendar. In other words, students may not be finished with their overseas student teaching placement in time for graduation ceremonies at UW-Eau Claire.

Students interested in any of these international studies programs should contact the Center for International Education (Schofield 3) or the Field Experience, Licensing and Certification Office, Centennial 3102.

Immersion Experiences

Students are invited to participate in specially arranged student teaching experiences and other field experiences in a variety of settings including the Milwaukee Public Schools, and the Aldine School District in Houston, Texas. Students interested in these opportunities will gain experience working in multicultural and multi-ethnic districts. Interested students should contact the Field Experience, Licensing and Certification Office, Centennial 3102, for details.

College of Education and Human Sciences Degrees and Curricula**Bachelor of Arts**

- Art-Teaching
- Economics-Teaching
- English-Teaching
- French-Teaching
- German-Teaching
- History-Teaching
- Latin American Studies-Teaching
- Political Science-Teaching
- Social Studies-Teaching
- Spanish-Teaching
- Theatre Arts-Teaching

Bachelor of Science

- Athletic Training
- Biology-Teaching
- Chemistry-Teaching
- Communication Sciences and Disorders
- Elementary Education
- Geography-Teaching
- Geology-Teaching
- Kinesiology
- Mathematics-Teaching
- Physical Science-Teaching
- Physics-Teaching

- Physics-Mathematics-Teaching
- Special Education

Bachelor of Music Education

Bachelor of Social Work

Minors in Human Sciences Department

- Science of Coaching-Liberal Arts
- Kinesiology-Liberal Arts
- Topical Minor-Liberal Arts (<http://catalog.uwec.edu/undergraduate/education-human-sciences/topical-minor-minor>)

Minors in Education

A list of certifiable minors in education is found in the section of the catalog devoted to the Department of Education Studies.

Certificate Programs

- Communication Sciences and Disorders-American Sign Language (ASL) Certificate
- Social Work-Child Welfare Certificate
- Social Work-Gerontology Certificate
- Cognitive Behavioral Disabilities (CD) 1-12 Certificate
- Emotional Behavioral Disabilities (EBD) 1-12 Certificate

Teacher Education Requirements

Program and Degree Requirements

University Requirements

All candidates for teacher education baccalaureate degrees in the College of Education and Human Sciences must fulfill the minimum requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements.

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average
3. Residency requirements:

Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits
4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Degree Planning

A degree plan indicates how a student expects to meet the curricular requirements for a degree. Degree plan forms for the various programs offered in the College may be obtained in department offices. These plans are for students' use in planning programs with their advisers. The plans are supplemented by the Registrar's Office Degree Audits used for official evaluation of academic progress.

Human Relations/Cultural Diversity/ Service-Learning Requirements

Students in teacher education majors shall meet the Wisconsin Department of Public Instruction's Human Relations Requirement and the UW-Eau Claire Cultural Diversity Requirement by completing ES 385/ES 585, Social Foundations: Human Relations, which includes completion of a minimum of 30 hours of direct contact fieldwork with racial/ethnic/cultural minorities different from themselves, people from low-income backgrounds, and people with disabilities. This fieldwork satisfies the University Service-Learning Requirement. Students are expected to accrue 15 of the 30 hours of volunteer/fieldwork prior to the semester they are enrolled in ES 385/ES 585.

Admission to the Professional Education Semester

The "professional semester" is defined as the senior semester in which a student is enrolled in the field experience of student teaching or internship.

Filing Applications

Students who plan to enter the professional semester during the fall semester of the next academic year must file an application available at an education "professional semester" meeting held each November. Students who plan to enter the professional semester during the spring semester of the next academic year must file an application at an education "professional semester" meeting held in April. Dates for these meetings will be advertised widely and posted across campus.

Students are encouraged to submit their applications as soon as possible after the meeting. Considerable time is required to process each application—that is, to determine eligibility, to make arrangements with schools for an appropriate field experience assignment, and to allow for introductions, orientations, and, in some cases, interviews. Students who file early will benefit by the careful consideration that can be given to their requests; the later an application is received, the fewer the placement assignments and choices still available. Failure to file an application on time may result in a delay of the professional semester.

Transfer and Special Students

No transfer or special student can enter the professional semester until after a full semester of residence and after earning a minimum of 15 credits at UW-Eau Claire. Senior transfer students enrolling in September must file an application for admission to the professional semester by December 1 for the following fall.

Criteria for Admission

No application for admission to the professional semester will be processed in the case of transfer and special students unless a full semester of residence and a minimum of 15 credits have been earned at UW-Eau Claire.

Factors to be considered in the application for admission to the professional semester are:

1. Criteria for admission to a professional program have been met.
2. Good academic standing, as defined in the catalog section on Academic Standing and Progress.
3. A minimum of 90 credits completed prior to the professional semester.

4. Completion of courses which are prerequisite to field experience. For each program, a list of prerequisite courses is available in the Field Experience, Licensing and Certification Office, Centennial 3102.
5. Approval of the major and minor department(s).
6. Resident and total GPAs of at least 2.75; GPAs of at least 2.75 in the major(s) and minor(s) intended for certification; and a 2.75 or higher GPA based on a combination of all course work in the major, minor (where certifiable), and professional education courses, including PSYC 260 or PSYC 261. All college-level courses attempted by the student are included when major, minor, and total GPAs are determined for admission to the professional semester and for graduation.
7. Passing score(s) on appropriate Praxis II content test(s). Foreign language majors must earn passing scores on the ACTFL. Information on Praxis II and the ACTFL is available through Academic Testing, Schofield 226, and at www.ets.org/praxis (<http://www.ets.org/praxis>).
For placements in the fall semester, the last test date for passing the Praxis II Content Exam or ACTFL is the preceding January date.
For placements in the spring semester, the last test date for passing the Praxis II Content Exam or ACTFL is the preceding August date.
For placements in the summer session, the last test date for passing the Praxis II Content Exam or ACTFL is the preceding November date.
8. Completion of the 30 hour Human Relations Fieldwork requirement.
9. Evidence of freedom from tuberculosis. Tests are provided by Student Health Services or must be provided by the student when filing for the professional semester.
10. Approval by the appropriate departments in the Colleges of Education and Human Sciences and Arts and Sciences.
11. Proficiency in speaking and listening demonstrated in CJ 201 or CJ 202, or CJ 203, or CJ 205 or a public speaking/communication course.

Deadline for Meeting Criteria

For placements in the fall semester, criteria for which the student is responsible (GPA, TB test, Praxis II Content Test[s], ACTFL and PSYC 260 or PSYC 261) must be met by March 1 of the preceding semester.

For placements in the spring semester, these criteria must be met by October 1 of the preceding semester.

For placements in the summer session, these criteria must be met by February 1 of the preceding semester.

Failure to meet criteria on time may result in a delay of the professional semester.

Licensure to Teach

Criteria for Recommendation for Licensure:

1. Completion of a baccalaureate degree.
2. Completion of an approved teacher education major, including Gate 3 portfolio approval. (needed for areas with no edTPA)
3. A 2.75 or higher GPA in the major and minor (where certifiable) and in the combination of all course work in the major, minor (where certifiable), and professional education courses exclusive of student teaching. All college-level courses attempted by the student except student teaching are included when major, minor, and professional education GPAs are determined for recommendation for licensure.
4. Completion of student teaching courses with a mark of S, or grade of B- or above in departments where a letter grade is assigned.
5. A passing score on a Praxis II content examination in each certification major, minor, and concentration, unless the field is exempted by the State Superintendent. Foreign language majors and minors must earn passing scores on the ACTFL. The standardized examination and passing score shall

be determined by the State Superintendent. All MCEA, SPED majors and minors, Early Childhood and Reading Teacher (316) and Reading Specialists (317) must earn a passing score on the FORT. In addition, a completed edTPA must be submitted for national scoring. Passing scores are required for licensure in Fall 2016 and thereafter.

Wisconsin Application

College of Education graduates who desire to teach in Wisconsin, will apply for licensure using the WI Department of Public Instruction's (DPI), ELO (Electronic Licensing Online) <http://tepd.dpi.wi.gov/licensing/elo> following all steps listed on the site including fingerprinting if applicable.

Upon completion of all program, University and WI Department of Public Instruction teaching requirements, information will be forwarded to WI DPI verifying this completion (including the completion of all required tests), a degree and any add-on certifications have been awarded, and certifications the teaching candidates are eligible for with licensure. Candidates will then apply for their 5 year Initial License, using a credit card (debit cards are not accepted) and after processing, will access their account and print their own license.

Out-of-state Applications

It is recommended that graduates seeking licensure to teach in states other than Wisconsin request application forms and instructions from the Department of Education of the state in which licensure is desired. Inquiry early in the period of professional preparation is advisable. In most cases, an official transcript of credits must accompany the completed application form; additional tests or course work may be required. Therefore, it is imperative to check requirements of other states. Wisconsin and most other states require institutional endorsement. In general, candidates will be able to obtain licenses in other states; however, these licenses may be issued with stipulations. **It is the student's responsibility to find out licensing requirements of other states. The university prepares teachers for certification in Wisconsin.**

Human Sciences Departments

Specific Degree Requirements

Specific requirements for some human science degrees are published in conjunction with the Catalog description of the major leading to the degree, with specific courses required in several Liberal Education outcomes.

Bachelor of Science Degree in the College of Education and Human Sciences

Candidates for the degree of Bachelor of Science from a human sciences department must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements.(see University Graduation Requirements (p. 46))

General Information

Placement Tests. The mathematics/foreign language placement tests are given during the orientation periods for new freshmen and transfers. Further information about the foreign language or the mathematics tests is available from the chair of the appropriate department.

Laboratory Science Courses. The following have been designated as fulfilling the requirements for laboratory science courses in the human sciences departments:

Code	Title	Credits
BIOL 151	Biology of Humans	4
BIOL 195	Plants and Society	4
BIOL 214	Human Anatomy and Physiology I	4
BIOL 320	Studies in Tropical Environments	3
BIOL 356	Wisconsin Wildlife	4

CHEM 100	Chemistry: Issues and Answers	3
CHEM 103	General Chemistry I	4
CHEM 104	General Chemistry II	4
CHEM 115	Chemical Principles	6
CHEM 325	Organic Chemistry I with Laboratory	4
GEOG 104	The Physical Environment	4
GEOL 106	Earth Science	4
GEOL 110	Physical Geology	4
GEOL 115	Environmental Geology	4
MSCI 100	Introduction to Materials Science and Nanoscience	4
PHYS 100	Physical Science	4
PHYS 211	General Physics	5
PHYS 212	General Physics	4
PHYS 226	Astronomy-Solar System	4
PHYS 229	Astronomy-Stars and Galaxies	4
PHYS 231	University Physics I	5
PHYS 232	University Physics II	5

Degree Requirements

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements.

Human Sciences Graduation Requirements: Grade Point Averages. All degree candidates must earn minimum resident and total GPAs of 2.00 or higher in both the major and the second program if one is required. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the second program are computed similarly.

Major-Minor and Major-Certificate Requirements. Each candidate for a baccalaureate degree must present one of the following:

- Comprehensive major (at least 59-60 credits)
- Standard major (at least 36 credits) plus one of the following:
 - Another standard major (at least 36 credits), or
 - A minor (at least 24 credits), or
 - A certificate (12-18 credits)

No minor or certificate is required with a Comprehensive Major or with two majors of 36 credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Planning a Degree Program

Declaring a Major/Minor Program

To officially declare or change to a new major or minor, a student must go to the office of the department of the intended major or minor. Specific instructions can be found at www.uwec.edu/registrar/student/chgofmajor.htm (<http://www.uwec.edu/registrar/student/chgofmajor.htm>).

All students are encouraged to obtain a new degree audit during this process. A new adviser will be assigned in the department of the new major or minor. Any approved petitions/waivers for the old major or minor will not be carried

over to the new major or minor. Students must resubmit and have these petitions approved again by the new major or minor department.

A topical minor is available and the requirements are listed below.

Education (Code 610-453)

A Topical Minor is composed of 24 semester credits selected by the student to meet the student's own interests and scholarly objectives. Courses for the minor may be chosen on the basis of a coherent theme, an historical period, a definable professional need, or a complementary relation to the student's major.

The Topical Minor is not intended to be used to duplicate any major or minor offered as a regular program within the UW System. The student should find a faculty member willing to direct the topical minor and work closely with that adviser to design the minor.

The Topical Minor must include courses from at least two departments, with no more than 15 credits from any one department and no more than six credits from the department of the student's major. Courses included in the major cannot be applied to the minor. At least 12 of the 24 credits must be earned in courses numbered 300 or higher, and at least 12 of the 24 credits must be earned in College of Education and Human Sciences courses. The remaining credits can be earned from any College within the University. To propose a topical minor students should complete an e-form located on the College of Education and Human Sciences website.

Special Curricular Offerings

Special Topics Courses

The Departments of Kinesiology and Social Work offer courses in which the topic for study may vary from semester to semester, often focusing on a contemporary issue or taking an innovative approach to a traditional subject. Students and faculty members are invited to recommend topics to the department. Final approval of each semester's offerings rests with the Academic Curriculum Committee of the College of Education and Human Sciences. Topics are announced in the Class Schedule for the semester.

Restrictions: A total of no more than nine credits in Special Topics courses may be applied toward graduation. Special Topics courses may not be applied toward completion of the Liberal Education requirements. The Department of Social Work may further restrict the application of such credits to their majors.

Directed Study Courses

Courses numbered 395 or 495, offered by several departments under various titles, are designed to permit individual students or groups of students to undertake special projects related to their educational interests and goals.

Eligibility: Registration for a Directed Study course requires the permission of the faculty member who agrees to supervise the project and of the department offering the course. Any further conditions of eligibility are established by the department and published as part of the course description.

Restrictions: A total of no more than six credits of Directed Study courses may be counted toward graduation. Directed Study courses may not be applied toward completion of the Liberal Education requirements. Departments also may restrict the application of such credits to their majors and minors.

Procedures: Permits to register may be obtained from department offices. When registration has been completed, the department will file a copy of each project with the Associate Dean of the College, Centennial Hall 3015.

Independent Studies

Under the course numbers 399 and 499, each department in the human sciences department provides advanced students with opportunities for

independent study in fields where they have already demonstrated their competence.

Eligibility: Independent Study courses are open only to juniors and seniors. A student with a departmental major and/or minor may elect an Independent Study in the department of the major or of the minor, provided the student has at least 3.00 resident and total GPAs in that department. A student with a multidisciplinary major may elect an Independent Study in any department which has courses required in the major, provided the student has at least 3.00 resident and total GPAs in the major and has earned a minimum of six credits with resident and total GPAs of at least 3.00 in the department in which the Independent Study is elected.

Restrictions: Only three credits of Independent Study (399 or 499) may be elected during any semester. A total of no more than six independent study credits may be counted toward graduation. Independent Study courses may not be applied toward completion of the Liberal Education requirements.

Procedures: The student shall outline an Independent Study proposal to a professor willing to direct the study. The department chair and the professor directing the study must give permission in order for the student to register for a 399 or 499 course. A course description form is to be filed by the end of the fourth week of the semester (second week of Summer Session). Forms are available on the College of Education and Human Sciences website, under "For Students" and then "College Forms."

Internships and Field Practicum Courses

Some type of internship or clinical experience is an integral part of programs in Athletic Training, Communication Sciences and Disorders, Kinesiology: Human Performance, and Social Work. Therefore, students in these programs must provide their own transportation to and from field experiences and internships. Many field experiences may require travel to other communities. All costs associated with transportation to and from field experiences are the responsibility of the student.

Departmental Honors Programs

The Department of Social Work and the Department of Communication Sciences and Disorders have established a Departmental Honors Program for their majors. See the departmental listings for requirements.

Admission to Professional Education Programs

Criteria for Admission

Formal application to the professional education program must be made by October 1 for spring admission or March 1 for fall admission. Only students who meet **all** criteria listed below should apply.

1. Approval by the appropriate department in the College of Education and Human Sciences. See Education Studies (p. 475) and Special Education (p. 483) sections of this catalog for criteria to be considered in making these recommendations.
2. Pre-education status.
3. **Minimum** total GPA of 2.75 on a minimum of 30 credits and sophomore standing. Admission is competitive; thus the minimum GPA does not assure admission to a professional program in education.
4. Completion of University Writing Requirement with a grade of C or above.
5. Good academic standing.
6. Passing scores on Praxis I Pre-Professional Skills Tests of mathematics, reading, and writing or passing scores on ACT Test. Passing scores on Praxis I in Wisconsin are: Mathematics 173, Reading 175, and Writing 174. Passing scores on ACT are an overall score of 23 and 20 on reading, math,

and English. ACT scores are only good for a period of five years prior to student teaching. Beginning September 1, 2014 the requirement will be passing scores on Praxis I Pre-Professional Skills Test or passing scores on Praxis Core Academic Skills Test for Educators (CORE) or passing scores on ACT Test. Passing scores in Wisconsin for the CORE are Math 150, Reading 156, and Writing 162. Students who have not met the minimum G.P.A. requirement or passed all three sections of the Pre-Professional Skills Test or all three sections of the CORE Test or who do not have qualifying scores on the ACT for admission could seek to be admitted through a waiver/exceptions policy. Please see your adviser for details. Information on required tests is available through Academic Testing, Schofield 226.

Application Procedure

Formal application to the professional program must be made. **The number of students admitted to a program is limited by resources available. Not everyone who applies can be guaranteed admission.** See the appropriate section of this catalog for criteria upon which the departmental recommendation will be based. Note that minimum criteria for a department may exceed the minimum criteria listed above.

Students who do not meet all the criteria listed above or who do not receive a favorable departmental recommendation may reapply during a later application period.

Special or Transfer Students

Special students and transfer students who desire to be admitted to the Teacher Education Program in the College of Education and Human Sciences should inform the Admissions Office upon application for admission to the University. They should indicate their area of interest. These students are expected to have a minimum GPA of 2.75.

Retention in Professional Education Programs

Students who are in good standing in the University but are having difficulty meeting the College of Education and Human Sciences criteria for professional education programs are strongly advised to seek the counsel of their adviser and/or the Associate Dean of the College of Education and Human Sciences regarding their continuation in the program. A student may continue in the program while in good standing or after receiving an Academic Warning. (See Academic Standing and Progress. (p. 42)) However, if placed on probation or if readmitted after a first suspension, the student may continue in the program only upon recommendation of the department concerned (Education Studies or Special Education). After a second suspension, the student may not continue in the professional education program.

Education Studies

Centennial Hall 3115

715-836-5352

www.uwec.edu/es (<http://www.uwec.edu/es>)

Purposes and Goals

The Department of Education Studies prepares teachers for elementary, middle level, and high school classrooms through several programs. Through a series of courses and experiences emphasizing reflection, decision-making, and collaborative leadership, students develop knowledge, skills, and dispositions necessary for effective teaching. Students also acquire skill in

1. planning and using various teaching methods and resources,
2. creating and maintaining a positive learning environment, and
3. evaluating learning and instruction.

The Department of Education Studies also provides leadership, vision, and service for the core elements of all teacher education and library science programs. Core professional studies which are common to all programs include field experiences; the social, cultural, historical, legal, and philosophical foundations of education; pedagogy for diverse learners; instructional, informational, and media technology; educational research; assessment; and leadership studies. At the completion of a program, students are ready to assume responsibilities for classroom teaching and are prepared to continue developing as a professional.

Degrees Awarded

The following majors lead to the Bachelor of Arts Degree: Art, Economics, English, French, German, History, Latin American Studies, Political Science, Social Studies, Sociology, Spanish, and Theatre Arts.

The following majors lead to the Bachelor of Science Degree: Biology, Chemistry, Elementary/Middle Level Education, Geology, Kinesiology (Physical Education), Mathematics, Physical Science, Physics, and Physics-Mathematics.

All majors in Music lead to the Bachelor of Music Education.

Student Transportation

All programs that lead to teacher licensure require multiple field experiences. Students in teacher education programs must provide their own transportation to and from field experiences. Some field experiences may require travel to other communities. All costs associated with transportation to and from field experiences are the responsibility of the student.

Program Options

Programs in the Department of Education Studies are designed to lead to licensure by the state of Wisconsin. UW-Eau Claire provides these three program options:

1. Middle Childhood through Early Adolescence (MC-EA) (Elementary Education)
2. Early Adolescence through Adolescence (EA-A) (Secondary Education)
3. Early Childhood through Adolescence (EC-A) (PK-12 Education)

Students should select the program option they wish to pursue and follow the requirements for that program. In addition to the program requirements, all students must complete the appropriate Liberal Education requirements and other University requirements for graduation.

Satisfactory/Unsatisfactory Policy

No degree credit may be earned under the Satisfactory/Unsatisfactory option in required education studies, library science and media education, unified early childhood or special education courses unless Satisfactory/Unsatisfactory is the only grading option available for the course.

Pre-program. Before seeking admission to a program, students must complete the appropriate pre-program course(s): ES 203 (Exploring Schooling in Grades 1-8) for Option A, ES 212 (Initial Teaching Experience in Elementary, Middle and High School) for Options B and C.

To enroll in ES 203, a student must meet the following criteria:

1. pre-education status,
2. completed at least 14 credits,
3. Minimum GPA of 2.75 or higher,
4. completion of University Writing Requirement.

To enroll in ES 212 a student must meet the following criteria:

1. pre-education status,
2. completed at least 14 credits,
3. resident and total GPAs of 2.75 or higher,
4. completion of University Writing Requirement,
5. passing scores on the Praxis I: Pre-Professional Skills Test (PPST) in reading, writing, and mathematics OR passing scores on Praxis Core Academic Skills Test for Educators (CORE) Tests in mathematics, reading, and writing OR passing scores on the ACT OR passing scores on the SAT OR passing scores on the GRE. See an adviser for a list of passing scores for each of these tests.

Space available for these courses will be limited to resources available.

Program Admission Information

The programs in the Department of Education Studies are designed to continually assess the knowledge, skills, and dispositions of the best candidates to be recommended for endorsement to the Wisconsin Department of Public Instruction for certification to teach in the state of Wisconsin. Students are admitted to program on a selective and limited basis from a pool of candidates who meet minimum criteria. Students who enter the University and who plan to pursue one of the program options A, B, or C should understand that not all who seek admission to the College of Education and Human Sciences, and to the program, will be admitted, even if minimum criteria are met. Detailed descriptions of program admission criteria and procedures are available from the department office, given that changes occur in an attempt to use admission results and information to improve curricula.

Admission to Program (Gate #1)

Students who wish to pursue any of the three program options [A: Middle Childhood through Early Adolescence (MC-EA), B: Early Adolescence through Adolescence (EA-A), and C: Early Childhood through Adolescence (EC-A)], must file a formal application by October 1 for spring admission or March 1 for fall admission. Admissions committees are convened and decisions are made in time for students to register for program courses for the ensuing semester. When students are admitted to any of these three programs, they are also admitted to the College of Education and Human Sciences Teacher Education Program.

Admission to the Option A Program (MC-EA): (Block)

Students should obtain the MC-EA Advising Handbook which provides information on process and procedures, as well as rubrics, for scoring the 10 Wisconsin Teaching Standards, and auxiliary information (e.g., certifiable minor choices, resumé format, etc.). Students wishing consideration for admission to

the program should apply one year prior to the semester in which they want to be in the "block" (methods) courses. Students may not apply for program while enrolled in ES 203, Exploring Schools in Grades 1-8. Candidates for admission to program prepare a "portfolio" based on **four** of the 10 teaching standards (#s 1, 2, 4, 9). Additional criteria for admission include: overall GPA, performance in ES 203, Exploring Schools in Grades 1-8, a degree plan, dispositions toward teaching, and overall writing and quality of the application materials. The MC-EA Admissions Committee is comprised of faculty and staff members from the Education Studies department as well as faculty or academic staff members from the teacher associated faculty from the College of Education and Human Sciences. Each portfolio is reviewed by two raters and average scores are determined by the MC-EA program coordinator. Rank-ordered total scores on the portfolio are provided to the chairperson who notifies the applicants of their admission status. Students are admitted based on the total portfolio score. Students who are not admitted may apply one additional time.

Admission to the Option B (EA-A) and C (EC-A) Programs: (Block)

Students who want to be considered for admission to these programs and the College of Education and Human Sciences Teacher Education Program should apply the semester before they want to enroll in the methods sequence of courses, also known as the "block" (e.g., ES 312, ES 318, ES 328, etc.). Students may not apply for program while enrolled in ES 212, the pre-program course. Candidates prepare a portfolio based on the ten Wisconsin Teaching Standards for the Department of Education Studies (see the EA-A/EC-A program coordinator for education program-related questions and rubrics used for scoring portfolios). Additionally, content departments have requirements for admission which focus predominantly on content knowledge (e.g., Foreign Language and Latin American Studies requires passing an oral competency exam in the target language). Students should see their content area adviser for information or direction to the education adviser in that department. The EA-A/EC-A Admissions Committee is comprised of EA-A/EC-A faculty from the Department of Education Studies and at least one member from each of the certifying areas: Art, Music, English, Kinesiology, Mathematics, Social Studies, History, Science, Language, and Theatre Arts. The portfolios are scored by EA-A/EC-A faculty in the Department of Education Studies, and a list of applicants with rank-ordered total portfolio scores is compiled. The EA-A/EC-A program coordinator convenes a meeting of the EA-A/EC-A admissions membership where final decisions are made for admission to the program, College, and the block semester. The list of admitted and declined applicants is provided to the chairperson who notifies the applicants of their admission status. Students who are admitted to program must take ES 312 and ES 318 the subsequent semester. Unsuccessful candidates may re-apply once. For current information see: www.uwec.edu/ES/programs/secondary-eaa-eca.htm (<http://www.uwec.edu/ES/programs/secondary-eaa-eca.htm>).

Admission to the Professional Semester (Gate #2): Professional Semester

Applicants in program option A below must earn a minimum grade of B in the Block practicum field experience for three of the five areas: language arts, mathematics, reading, science, and social studies and earn a minimum GPA of 2.75 across the block courses with no less than a C in the following courses:

ES 304	Teaching and Learning Practices	2
ES 305	Reading Curriculum and Instruction in Grades 1-8	3
ES 306	Mathematics Curriculum and Instruction in Grades 1-8	3
ES 307	Language Arts Curriculum and Instruction in Grades 1-8	3

ES 308	Science Curriculum and Instruction in Grades 1-8	3
ES 309	Social Studies Curriculum and Instruction in Grades 1-8	3

to gain departmental approval for admission to student teach or intern.

Applicants in options B and C below must earn a minimum grade of B- in each of the professional education courses (ES 212, ES 312, ES 317, ES 318*, ES 328, content methods) to be considered for admission to student teach or intern.

*Music Education majors take MUED 318 instead of ES 318.

Recommendation for Licensure (Gate #3)

All students seeking licensure through programs in the department of Education Studies must complete a full semester of student teaching or internship. A full semester of student teaching or internship is defined as completing a full semester, full days following the school district calendar. All applicants for student teaching or internships must have resident, total, and professional education course GPAs of 2.75 or higher and have departmental approval. Grades for student teaching courses (ES 440, ES 441, ES 445, ES 446, ES 470, and ES 475) are reported and recorded on a satisfactory/unsatisfactory basis.

In addition to student teaching requirements, a Gate 3 portfolio must be submitted and approved before licensure is recommended. Students graduating in Fall 2015 or after will be required to participate in and earn passing scores on the EdTPA. Finally, students who have an elementary education major or special education major, or minor will need to complete the WI Foundations of Reading Test (FORT) with a passing score of 240 or higher.

Faculty

Carol Koroghlanian, Chair

Michelle Bradley

Melissa Bruce

Jennifer Fager

Janine Fisk

Patricia Kleine

Michael Kolis

Incho Lee

Deborah Pattee

Jill Prushiek

Robert Reid

Victoria Rosin

Eric Torres

Anjela Wong

Jerry Worley

And Associated Teacher Education Faculty

Teaching Licensure

- Middle Childhood through Early Adolescence Licensure (p. 482)
- Early Adolescence through Adolescence Licensure (p. 477)
- Early Childhood through Adolescence Licensure (p. 478)

Majors

- Major, Elementary Education - B.S. (p. 479)

Early Adolescence through Adolescence Licensure

Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option B: EA-A Early Adolescence through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
Prescribed special methods course(s) (see approved majors and minors below)		
ES 445 & ES 470	Student Teaching in Middle Level Education and Student Teaching in Secondary Education	14
or ES 446	Internship Teaching in Middle Level Education	
or ES 475	Internship Teaching in Secondary Education	
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2

NOTE: Although majors must be from the approved list below, the second plan may be from the approved list. Students pursuing EA-A licensure are not required to elect a second plan that leads to a teaching license.

Approved Majors and Minors for Option B

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II Content Test Required
English	540-006	ENGL 319, ENGL 419		ETS 5038
Earth and Space Science	160-015 ¹	ES 359 (F)		ETS 5435

Mathematics	180-002	ES 357		ETS 5061
Physical Science ¹	240-004	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Physics-Mathematics ¹				ETS 5161 and ETS 5435 (regardless of emphasis)
Physics Emphasis	210-003	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Mathematics Emphasis	210-004	ES 357 (Sp) and ES 359 (F)	BIOL 180 or GEOG 178	
Social Studies	500-XXX	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Majors	Code	Prescribed Methods Course	Additional Requirements	Praxis II Content Test Required
Biology ¹	080-205	ES 367 (Sp)	BIOL 180 or GEOG 178	ETS 5435
Chemistry ¹	100-204	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Economics	360-204	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
English	540-210	ENGL 319, ENGL 419		ETS 5038
Geography	140-213	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
History	380-206	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Mathematics	180-207	ES 357		ETS 5161
Physics ¹	230-205	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-203	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
Biology	080-403	ES 367 (SP)	BIOL 180 or GEOG 178	ETS 5435
Chemistry	100-406	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Coaching	971-403	KINS 492		no addt'l exam
Economics	360-404	ES 356	BIOL 180 or GEOG 178	ETS 5081
English	540-408	ENGL 319, ENGL 419		ETS 5038
French	260-404	ES 366 (F) in language	Study abroad	WPT and OPI or OPIc
Geography	140-413	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081

Geology	160-402	ES 359 (F)		
German	280-404	ES 366 (F)	Study abroad in language	WPT and OPI or OPic
History	380-404	ES 356 (SP)	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Learning Disabilities	950-471			ETS 5146
Library Science	960-403		EC-A licensure	no addtl exam for this minor
Mathematics	180-407	ES 357		ETS 5161
Physics	230-403	ES 359 (F)	BIOL 180 or GEOG 178	ETS 5435
Political Science	420-403	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Sociology	480-404	ES 356	ECON 103, BIOL 180 or GEOG 178	ETS 5081
Spanish	320-405	ES 366 (F)	Study abroad in language	WPT and OPI or OPic
Teaching English to Speakers of Other Languages (TESOL)	550-408	ES 405 (F)	1 yr college level foreign language	ETS 0361
Theatre Arts	601-424	ES 361 (F)		ETS 0641

¹ Broadfield Science add-on certification is available with these majors and requires ES 359 (fall only) and ES 367 (spring only). Students should contact their advisor to discuss their intention to add the Broadfield Science certification.

Early Childhood through Adolescence Licensure

Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option C: EC-A Early Childhood through Adolescence Licensure

Code	Title	Credits
	Professional Sequence	

ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2
ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2
Prescribed special methods course(s) (see approved majors and minors below)		
Student Teaching Courses from list below:		14
ES 441	Student Teaching in Elementary Education	7
AND		
ES 445	Student Teaching in Middle Level Education	7
or ES 470	Student Teaching in Secondary Education	
or		
ES 440	Internship Teaching in Elementary Education	7-14
or		
ES 446	Internship Teaching in Middle Level Education	7-14
or		
ES 475	Internship Teaching in Secondary Education	7-14

NOTE 1: SPED 300 (not required of Kinesiology or Music majors).

NOTE 2: ES 441 is not required for Foreign Language majors and minors in the student teaching semester as an earlier elementary level field placement (required by DPI) occurs in ES 437.

NOTE 3: Music Education majors take MUED 318 instead of ES 318 and MUED 487 or MUED 488 instead of ES 441 and one of ES 445 or ES 470, or ES 440, or ES 446, or ES 475.

Approved Majors and Minors for Option C

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II or ACTFL Content Test Required
Art	020-072	ART 304 (Sp), ES 350 (F), ES 354 (Sp)		ETS 0134
Latin American Studies	340-003	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPic
Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II ACTFL Content Test Required

Music, Instrumental/General	060-057	MUED 211, MUED 300, MUED 310, MUED 318, MUED 411, MUED 421		ETS 0113
Music, Choral/General	060-058	MUED 211, MUED 300, MUED 310, MUED 318, MUED 410, MUED 420		ETS 0113
Kinesiology	991-065	KINS 290		ETS 0091
French	260-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
German	280-204	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Spanish	320-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIc
Theatre Arts	601-204	ES 361 (F)		ETS 0641

Minors	Code	Prescribed Methods Course	Additional Requirement	Praxis II ACTFL Content TEst Required
Adaptive Physical Education	991-459		Only with KINS major	No addtl exam
French	260-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
German	280-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
Spanish	320-407	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIc
TESOL	550-410	ES 405 (F)	Only with F Lg major	ETS 0361

NOTE: Students completing an EC-A comprehensive major or standard major may complete an additional major or minor with licensure at the EA-A level from the list under Option B above.

Elementary Education, Major

Middle Childhood/Early Adolescence (Code 940-206)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average

Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50) ³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal	
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal	
Service-Learning (p. 49)	30 hours

Library Science 960-403	EC-A licensure for this minor	no addt'l exam
Mathematics 180-408		no addt'l exam
Social Studies 500-403		no addt'l exam
Spanish 320-406	ES 437 (SP)	study abroad in language WPT and OPI or OPIc
Teaching of English to Speakers of Other Languages (TESOL)	ES 405	1 yr. college level foreign language ETS 0361
Theatre Arts 601-425	ES 361 (F)	ETS 0641
Coaching 971-403	KINS 492	no addt'l exam

College Degree Requirements

Program Option A

This program option offers pedagogical studies in the basic areas of reading, language arts, social studies, science, and mathematics, and in special subjects such as art, music, children's literature, health, speech, physical education, and special education. The major is designed to provide students with strong preparation in all the subjects taught in elementary and middle schools.

Students must also successfully pass the Praxis II Content Test (#5146-Middle School: Content Knowledge), the W-FORT, and the edTPA to be eligible for a teaching license in Wisconsin.

Option A: MC-EA

Approved Majors and Minors for Option A

Second Majors ¹	Code	Prescribed Methods Course	Additional Requirement	ACTFL Content Test Required
French	260-203	ES 437 (Sp)	study abroad in language	WPT and OPI or OPIc
German	280-204	ES 437 (Sp)	study abroad in language	WPT and OPI or OPIc
Spanish	320-203	ES 437 (Sp)	study abroad in language	WPT and OPI or OPIc

¹ NOTE: MC-EA regular education majors with a foreign language second major may obtain EC-A licensure in the foreign language if they also complete ES 366 and complete one quarter of student teaching in the foreign language at the secondary level. See Option C.

Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
French	260-405	ES 437 (SP)	study abroad in language	WPT and OPI or OPIc
General Science	120-403			no addt'l exam
German	280-405	ES 437 (SP)	study abroad in language	WPT and OPI or OPIc
Language Arts Learning Disabilities	930-402 950-470			no addt'l exam

Liberal Education Requirements are listed in the table below:

K1 (Natural Sciences)

At least one Biology course AND at least one Chemistry, Physics, Geography or Geology course (one science lab required)

K2 (Social Sciences)

PSYC 260 Educational Psychology
AND another learning experience

K3 (Humanities)

At least one literature course
AND another learning experience

K4 (Fine Arts)

One fine arts course

S1 (Written and Oral Communication)

At least one writing course from the following:

WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing
WRIT 116	Blugold Seminar in Critical Reading and Writing
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students

AND at least one oral communication course from the following:

CJ 201	Introduction to Interpersonal Communication
CJ 202	Fundamentals of Speech
CJ 203	Fundamentals of Human Communication

S2 (Mathematics)

MATH 303 Probability and Statistics in Grades 1-8 (included in major)

S3 (Creativity)

ES 497 Field Experience Seminar (included in major)

R1 (Equity, Diversity, Inclusivity)

ES 385 Social Foundations: Human Relations (Included in major)

AND another learning experience

R2 (Global Perspectives)

One learning experience

R3 (Civic and Environmental Issues)

One learning experience

I1 (Integration)

ES 497 Field Experience Seminar (included in major)

AND another learning experience

Teacher Licensure Requirements - MC/EA Licensure

Program Option A

This program option offers pedagogical studies in the basic areas of reading, language arts, social studies, science, and mathematics, and in special subjects such as art, music, children’s literature, health, speech, physical education, and special education. The major is designed to provide students with strong preparation in all the subjects taught in elementary and middle schools.

Students must also successfully pass the Praxis II Content Test (#5146-Middle School: Content Knowledge), the W-FORT, and the edTPA to be eligible for a teaching license in Wisconsin.

Option A: MC-EA

Approved Majors and Minors for Option A

Second Majors ¹	Code	Prescribed Methods Course	Additional Requirement	ACTFL Content Test Required
French	260-203	ES 437 (Sp)	study abroad in language	WPT and OPI or OPIC
German	280-204	ES 437 (Sp)	study abroad in language	WPT and OPI or OPIC
Spanish	320-203	ES 437 (Sp)	study abroad in language	WPT and OPI or OPIC

¹ NOTE: MC-EA regular education majors with a foreign language second major may obtain EC-A licensure in the foreign language if they also complete ES 366 and complete one quarter of student teaching in the foreign language at the secondary level. See Option C.

Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
French	260-405	ES 437 (SP)	study abroad in language	WPT and OPI or OPIC
General Science	120-403			no addt'l exam
German	280-405	ES 437 (SP)	study abroad in language	WPT and OPI or OPIC
Language Arts Learning Disabilities	930-402			no addt'l exam
	950-470			no addt'l exam
Library Science	960-403		EC-A licensure for this minor	no addt'l exam
Mathematics	180-408			no addt'l exam
Social Studies	500-403			no addt'l exam

Spanish	320-406	ES 437 (SP)	study abroad in language	WPT and OPI or OPIC
Teaching of English to Speakers of Other Languages (TESOL)	550-409	ES 405	1 yr. college level foreign language	ETS 0361
Theatre Arts	601-425	ES 361 (F)		ETS 0641
Coaching	971-403	KINS 492		no addt'l exam

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

ES 203	Exploring Schooling in Grades 1-8	2
ES 304	Teaching and Learning Practices	2
ES 305	Reading Curriculum and Instruction in Grades 1-8	3
ES 306	Mathematics Curriculum and Instruction in Grades 1-8	3
ES 307	Language Arts Curriculum and Instruction in Grades 1-8	3
ES 308	Science Curriculum and Instruction in Grades 1-8	3
ES 309	Social Studies Curriculum and Instruction in Grades 1-8	3
ES 335	Reading Assessment, Diagnosis and Remediation	2
ES 381	Technology for Educators	2
ES 385	Social Foundations: Human Relations	3
ES 415	Assessment and Evaluation in Grades 1-12	2
ES 457	Integrating Literacies into the Middle Grades Curriculum	3
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
KINS 327	Movement Education for Elementary Grades	2
LMED 305	Children's Literature	3
MATH 201	Number and Operations I	2
MATH 202	Number and Operations II	2
MATH 303	Probability and Statistics in Grades 1-8	2
MATH 304	Geometry in Grades 1-8	2
MUSI 340	Music and Related Arts in PK-8 Education	3
SPED 400	Inclusive Practices for Elementary Educators	3
ES 441 & ES 445	Student Teaching in Elementary Education and Student Teaching in Middle Level Education	14
OR		
ES 440	Internship Teaching in Elementary Education	
OR		

ES 446 Internship Teaching in Middle Level Education

This major leads to Middle Childhood through Early Adolescence: Regular Education licensure. Students are required to select a second major or minor from list of Approved Majors and Minors for Option A listed above. A certifiable minor is a requirement of DPI. Students may wish to pursue a second major but that is not a DPI requirement.

Middle Childhood through Early Adolescence Licensure

Program Option A

This program option offers pedagogical studies in the basic areas of reading, language arts, social studies, science, and mathematics, and in special subjects such as art, music, children's literature, health, speech, physical education, and special education. The major is designed to provide students with strong preparation in all the subjects taught in elementary and middle schools.

Students must also successfully pass the Praxis II Content Test (#5146-Middle School: Content Knowledge), the W-FORT, and the edTPA to be eligible for a teaching license in Wisconsin.

Option A: MC-EA

Approved Majors and Minors for Option A

Second Majors ¹	Code	Prescribed Methods Course	Additional Requirement	ACTFL Content Test Required
French	260-203	ES 437 (Sp)	study abroad in language	WPT and OPI or OPIc
German	280-204	ES 437 (Sp)	study abroad in language	WPT and OPI or OPIc
Spanish	320-203	ES 437 (Sp)	study abroad in language	WPT and OPI or OPIc

¹ NOTE: MC-EA regular education majors with a foreign language second major may obtain EC-A licensure in the foreign language if they also complete ES 366 and complete one quarter of student teaching in the foreign language at the secondary level. See Option C.

Minors	Code	Prescribed Methods Course	Additional Requirements	Praxis II or ACTFL Content Test Required
French	260-405	ES 437 (SP)	study abroad in language	WPT and OPI or OPIc
General Science	120-403			no addt'l exam
German	280-405	ES 437 (SP)	study abroad in language	WPT and OPI or OPIc
Language Arts	930-402			no addt'l exam
Learning Disabilities	950-470			no addt'l exam
Library Science	960-403		EC-A licensure for this minor	no addt'l exam
Mathematics	180-408			no addt'l exam
Social Studies	500-403			no addt'l exam
Spanish	320-406	ES 437 (SP)	study abroad in language	WPT and OPI or OPIc

Teaching of English to Speakers of Other Languages (TESOL)	550-409	ES 405	1 yr. college level foreign language	ETS 0361
Theatre Arts	601-425	ES 361 (F)		ETS 0641
Coaching	971-403	KINS 492		no addt'l exam

Special Education

Centennial Hall 3715

715-836-5511

www.uwec.edu/sped (<http://www.uwec.edu/sped>)

Honor Societies and Student Organizations: Student Council for Exceptional Children (SCEC)

A pre-professional organization open to those interested in working with people who have disabilities.

Best Buddies

College students are matched with adults with disabilities in the community to share leisure activities.

Goals and Purposes

The special education programs are designed to provide students with experiences that develop skills in assessing students as well as planning, implementing, and evaluating interventions. Special education graduates are prepared for a variety of specialized jobs. Those who prefer to teach may be employed in public or private schools, institutions, or agencies. Those seeking other careers may work as house parents or home trainers or directors of service agencies. Some graduates will continue their study in other areas of special education. Others will engage in research, develop curricular and instructional materials, or lead in-service teacher training.

Programs

The Department of Special Education offers undergraduate and graduate programs. Bachelor's degree programs are offered in the areas of cognitive disabilities, emotional/behavioral disabilities, learning disabilities, and unified early childhood. These programs lead to the following teacher licensure:

- Cross-categorical Special Education
- Special Education: Unified Early Childhood
- Emotional/Behavioral Disabilities and Regular Education
- Learning Disabilities and Cognitive Disabilities
- Learning Disabilities and Regular Education

A minor in Learning Disabilities is also offered for Middle Childhood/Early Adolescence and Early Adolescence/Adolescence majors. This program leads to teacher licensure in Learning Disabilities.

Adaptive education: special fields programs are available in the areas of art, music, and physical education and lead to licensure to teach learners with disabilities in those areas.

Portfolio Review

As part of the Teacher Education Program, students in the Department of Special Education are expected to develop a portfolio for three distinct gates or admission points. Further information may be obtained from the student's adviser.

Admission to Program

Minimal criteria for admission to professional programs (Gate 1) are outlined in the College of Education and Human Sciences section under "Admission to Professional Education Programs" (see items 1-6 under "Criteria for Admission"). In addition to meeting these minimum requirements, a separate

Special Education application must be completed and submitted to the Department of Special Education. These applications (available in the Special Education office) are due October 1 and March 1.

Admission to any major or minor program in Special Education may be limited by the resources available. Admission to program will be determined by a review committee which will rank applicants based on quality and quantity of service related to the helping professions, quality of formal application (resumé, academic success, and recommendations), and documentation of successful completion of SPED 200 and SPED 205. Guidelines for application are available in Centennial Hall 3715, or on the department's website at www.uwec.edu/sped (<http://www.uwec.edu/sped>).

Department Requirements

Students must earn a grade of B- in their special education courses. Students can only repeat a special education course one time for program purposes. Permission to repeat is required.

Admission to Professional Semester

Applicants for student teaching/internship experience must:

1. complete an application with the College of Education and Human Sciences office;
2. have the recommendation of the Department of Special Education;
3. submit a Gate 2 portfolio;
4. earn a minimum grade of B- in special education courses;
5. earn a passing score on the appropriate Praxis II content exam.

All special education majors require the Middle Level content exam, ETS 5146, with the exception of the Special Education: Unified Early Childhood major which requires the Elementary Education content exam, ETS 5014. Even though a B- is required in special education courses, a student must earn a 2.75 cumulative GPA and a 2.75 GPA in the major in order to be eligible for teaching certification.

Student Teaching Requirements

Completion of student teaching courses requires undergraduates to earn at least a grade of B- in SPED 470 or SPED 472 or SPED 475. If the grade requirement is not met, the undergraduate student may repeat the student teaching course or may graduate without the recommendation for teaching licensure. In addition to student teaching requirements, a Gate 3 portfolio must be submitted and approved before licensure is recommended.

Student Transportation

Students in the teacher education program must provide their own transportation to and from field experiences. Some field experiences may require travel to other communities. All costs associated with transportation to and from field experiences are the responsibility of the student.

Satisfactory/Unsatisfactory Policy

No degree credit may be earned under the Satisfactory/Unsatisfactory option in required special education courses except SPED 205 and SPED 301.

Adaptive Education: Special Fields Programs for Art, Music, and Physical Education Educators

Admission requirements include bachelor's degree, eligibility for art, music, or physical education licensure, and any additional courses deemed necessary.

Course requirements for these programs are as follows:

Art

Select one of the following: 2-3

SPED 200	Introduction to Diverse Learners	
SPED 300	Inclusive Practices for Secondary Educators	
SPED 400	Inclusive Practices for Elementary Educators	

Select one of the following: 3

SPED 210	Introduction to Cognitive Disabilities	
UEC 220	Introduction to Inclusive Early Childhood Education ¹	
SPED 330	Introduction to Learning Disabilities	
SPED 350	Introduction to Emotional/Behavioral Disabilities	
ART 300	Art in Elementary/Middle Level School	3
or ART 304	Fundamentals of Art Education	
SPED 472	Student Teaching in Special Education	3

Completion of this sequence leads to Early Childhood through Adolescence Adaptive Art licensure for art teachers.

¹ SPED 220 is the equivalent to UEC 220

Music

Select one of the following: 2-3

SPED 200	Introduction to Diverse Learners	
SPED 300	Inclusive Practices for Secondary Educators	
SPED 400	Inclusive Practices for Elementary Educators	

Select one of the following: 3

SPED 210	Introduction to Cognitive Disabilities	
UEC 220	Introduction to Inclusive Early Childhood Education ¹	
SPED 330	Introduction to Learning Disabilities	
SPED 350	Introduction to Emotional/Behavioral Disabilities	
SPED 306	Behavior Management	3
SPED 472	Student Teaching in Special Education	3

Completion of this sequence leads to Early Childhood through Adolescence Adaptive Music licensure for music teachers.

¹ SPED 220 is the equivalent to UEC 220

Physical Education

The following courses are required:

KINS 484	Adapted Physical Education	3
KINS 487	Assessment in Adapted Physical Education	3
KINS 493	Practicum in Adapted Physical Education	3

AND select one of the following: 3

SPED 200	Introduction to Diverse Learners
SPED 210	Introduction to Cognitive Disabilities
SPED 306	Behavior Management
UEC 220	Introduction to Inclusive Early Childhood Education

Completion of this sequence leads to Early Childhood through Adolescence Adaptive Physical Education licensure for physical education teachers.

Faculty

Cathy Thorsen, Chair

Rosemary Battalio
Arthur Brandt
Angela Dalhoe
Barbara Meier
Kirsten Rossi
Todd Stephens

Majors

- Comprehensive Major: Special Education, Unified Early Childhood - B.S. (p. 493)
- Comprehensive Major: Special Education, Emotional/Behavioral Disabilities and Middle Childhood through Early Adolescence Regular Education - B.S. (p. 486)
- Comprehensive Major: Special Education, Learning Disabilities and Cognitive Disabilities - B.S. (p. 488)
- Comprehensive Major: Special Education, Learning Disabilities and Middle Childhood through Early Adolescence Regular Education - B.S. (p. 490)

Minors

- Minor: Learning Disabilities, Middle Childhood/Early Adolescence (p. 485)
- Minor: Learning Disabilities, Early Adolescence/Adolescence (p. 485)

Certificates:

- Certificate: Cognitive Disabilities (CD) 1-12 (p. 484)
- Certificate: Emotional Behavioral Disabilities (EBD) 1-12 (p. 485)

Cognitive Disabilities (CD) 1-12, Certificate

(Code 950-601)

The Department of Special Education offers a certificate program for special education majors to add Cognitive Disabilities certification for grades 1-12. Students who add this certificate to their existing program will become more marketable and attractive to future employers. Further, this certificate will allow students to become better trained and prepared to meet the needs of a diverse 1-12 population. Finally, this certificate encompasses the requirements for the Department of Public Instruction (DPI) certification in Cognitive Disabilities.

Students seeking this certificate will need to be accepted into their special education program and have successfully completed at least one semester and have a total and resident GPA of 2.75 or higher. Students will apply to the CD certificate program during the department's regular admission cycle and the Department of Special Education Admissions Committee will decide if the student is suitable for CD certification based on the student's prior course experiences, knowledge, and dispositions.

Required courses:

Students must earn a B- or better in all courses		
CSD 419	Assistive Technology and Augmentative and Alternative Communication	2
SPED 210	Introduction to Cognitive Disabilities	3
SPED 401	Assessment of Students with Disabilities	3
SPED 416	Career Education and Transition	2
SPED 417	Curriculum and Methods for Students with Moderate or Severe Disabilities	3
SPED 474	Student Teaching with Students with Disabilities	1
Total Credits		14

Emotional Behavioral Disabilities (EBD) 1-12, Certificate

(Code 950-602)

The Department of Special Education offers a certificate program for special education majors to add Emotional Behavioral Disabilities certification for grades 1-12 in the form of a certificate. Students who add this certificate to their existing program will become more marketable and attractive to future employers. Further, this certificate will allow students to become better trained and prepared to meet the needs of a diverse 1-12 population. Finally, this certificate encompasses the requirements for the Department of Public Instruction (DPI) certification in Emotional Behavioral Disabilities.

Students seeking this certificate will need to be accepted into their special education program and have successfully completed at least one semester and have a total and resident GPA of 2.75 or higher. Students will apply to the EBD certificate program during the department's regular admission cycle and the Department of Special Education Admissions Committee will decide if the student is suitable for EBD certification based on the student's prior course experiences, knowledge, and dispositions.

Required courses:

Students must earn a B- or better in all courses.		
SPED 350	Introduction to Emotional/Behavioral Disabilities	3
SPED 401	Assessment of Students with Disabilities	3
SPED 416	Career Education and Transition	2
SPED 453	Behavioral Assessment and Planning	1
SPED 455	Advanced Behavioral Intervention for Students with Emotional Behavioral Disabilities	3
SPED 474	Student Teaching with Students with Disabilities	1
Total Credits		13

Learning Disabilities, Minor - Teaching - EA/A

Early Adolescence/Adolescence (Code 950-471)

This program is designed for the student who wants teacher licensure in Learning Disabilities: Early Adolescence through Adolescence.

Twenty-seven semester credits required for Licensure

CSD 311	Language Development and Disorders: Related Disciplines	3
SPED 200	Introduction to Diverse Learners	3
SPED 205	School and Community Experience in Special Education	3
SPED 306	Behavior Management	3
SPED 330	Introduction to Learning Disabilities	3
SPED 331	Special Education Procedures and General Methods	2
SPED 401	Assessment of Students with Disabilities	3
SPED 416	Career Education and Transition	2
SPED 431	Reading/Writing Remediation, Assessment, and Diagnosis for Students with Mild Disabilities	3
SPED 434	Secondary Methods for Students with Mild Disabilities	2
Total Credits		27

In addition, one of the two quarters of student teaching must be in Special Education.

If students want to add licensure in Learning Disabilities: Middle Childhood through Early Adolescence, they need to take SPED 335 or SPED 404 and SPED 402. SPED 300 is not required of students completing this minor. This minor is restricted to students in the College of Education and Human Sciences: Education Studies, Option B or C and leads to licensure in Learning Disabilities: Early Adolescence through Adolescence. Students who have graduated from UW-Eau Claire in an EA-A or EC-A program within the past two years are also eligible to complete this minor.

Learning Disabilities, Minor - Teaching - MC-EA

Middle Childhood/Early Adolescence (Code 950-470)

This program is designed for the student who wants teacher licensure in Learning Disabilities: Middle Childhood through Early Adolescence.

Thirty semester credits required for Licensure

CSD 311	Language Development and Disorders: Related Disciplines	3
SPED 200	Introduction to Diverse Learners	3
SPED 205	School and Community Experience in Special Education	3
SPED 306	Behavior Management	3
SPED 330	Introduction to Learning Disabilities	3
SPED 331	Special Education Procedures and General Methods	2

SPED 335	Assessment and Intervention for Students with Mild Disabilities	3
or SPED 404	Pre-Student Teaching Experience with Individuals with Mild Disabilities	
SPED 401	Assessment of Students with Disabilities	3
SPED 402	Collaboration and Consultation	2
SPED 431	Reading/Writing Remediation, Assessment, and Diagnosis for Students with Mild Disabilities	3
SPED 436	Mathematics Methods for Students with Mild Disabilities	2
Total Credits		30

In addition, one of the two quarters of student teaching must be in Special Education.

SPED 400 is not required of students completing this minor. This minor is restricted to students in the College of Education and Human Sciences: Education Studies, Option A and leads to licensure in Learning Disabilities: Middle Childhood through Early Adolescence. Students who have graduated from UW-Eau Claire in the MC-EA program within the past two years are also eligible to complete this minor.

Special Education, Emotional/Behavioral Disabilities and Middle Childhood through Early Adolescence Regular Education, Comprehensive Major

(Code 950-068)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences	
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences	
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences	
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience	

Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences	
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience	
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences	

Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences	
One R1 must satisfy Design for Diversity (p. 49)		

Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences	
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences	

Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences	

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Special Education

EBD/MC-EA Regular Education and LD/MC-EA Regular Education follow Middle Childhood through Early Adolescence

Liberal Education Requirements are listed in the table below:

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course		
AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		

WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing
WRIT 116	Blugold Seminar in Critical Reading and Writing
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students

AND at least one oral communication course from the following:

CJ 201	Introduction to Interpersonal Communication
CJ 202	Fundamentals of Speech
CJ 203	Fundamentals of Human Communication

S2 (Mathematics)

MATH 303	Probability and Statistics in Grades 1-8 (included in major)	2
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S3 (Creativity)

SPED 476	Professional Practices in Special Education (included in major)	2
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R1 (Equity, Diversity, Inclusivity)

ES 385	Social Foundations: Human Relations (included in major)	3
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AND another learning experience

R2 (Global Perspectives)

One learning experience

R3 (Civic and Environmental Issues)

SPED 200	Introduction to Diverse Learners (included in major)	3
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I1 (Integration)

SPED 476	Professional Practices in Special Education (included in major)	2
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AND another learning experience

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

This program is designed for the student who wants teacher licensure in Emotional/Behavioral Disabilities: Middle Childhood through Early Adolescence and Early Adolescence through Adolescence; and Regular Education: Middle Childhood through Early Adolescence.

Requirements for Licensure:

ES 203	Exploring Schooling in Grades 1-8	2
ES 304	Teaching and Learning Practices	2
ES 306	Mathematics Curriculum and Instruction in Grades 1-8	3
ES 307	Language Arts Curriculum and Instruction in Grades 1-8	3
ES 308	Science Curriculum and Instruction in Grades 1-8	3
ES 309	Social Studies Curriculum and Instruction in Grades 1-8	3
ES 335	Reading Assessment, Diagnosis and Remediation	2

ES 381	Technology for Educators	2
ES 385	Social Foundations: Human Relations	3
ES 457	Integrating Literacies into the Middle Grades Curriculum	3
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
KINS 327	Movement Education for Elementary Grades	2
LMED 305	Children's Literature	3
MATH 201	Number and Operations I	2
MATH 202	Number and Operations II	2
MATH 303	Probability and Statistics in Grades 1-8	2
MATH 304	Geometry in Grades 1-8	2
MUSI 340	Music and Related Arts in PK-8 Education	3
CSD 311	Language Development and Disorders: Related Disciplines	3
SPED 200	Introduction to Diverse Learners	3
SPED 205	School and Community Experience in Special Education	3
SPED 306	Behavior Management	3
SPED 331	Special Education Procedures and General Methods	2
SPED 350	Introduction to Emotional/Behavioral Disabilities	3
SPED 401	Assessment of Students with Disabilities	3
SPED 402	Collaboration and Consultation	2
SPED 404	Pre-Student Teaching Experience with Individuals with Mild Disabilities	3
SPED 416	Career Education and Transition	2
SPED 431	Reading/Writing Remediation, Assessment, and Diagnosis for Students with Mild Disabilities	3
SPED 434	Secondary Methods for Students with Mild Disabilities	2
SPED 436	Mathematics Methods for Students with Mild Disabilities	2
SPED 453	Behavioral Assessment and Planning	1
SPED 455	Advanced Behavioral Intervention for Students with Emotional Behavioral Disabilities	3
ES 441 or ES 445	Student Teaching in Elementary Education Student Teaching in Middle Level Education	7
SPED 470	Student Teaching in Special Education (EBD)	7
SPED 476	Professional Practices in Special Education	2

Special Education, Learning Disabilities and Cognitive Disabilities, Comprehensive Major

(Code 950-009)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		

Credit Requirements

Minimum total for graduation ¹	120
Upper division credits (courses numbered 300 and higher)	39
Liberal Education Core (p. 46)	36
Academic Concentrations (p. 50)	

Grade Point Requirements (p. 49) ²

Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50) ³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
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One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal	
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal	
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal	
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal	
Service-Learning (p. 49)	30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Special Education

EBD/MC-EA Regular Education and LD/MC-EA Regular Education follow Middle Childhood through Early Adolescence

Liberal Education Requirements are listed in the table below:

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course		
AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		
WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	
WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students	
AND at least one oral communication course from the following:		
CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	
S2 (Mathematics)		
MATH 303	Probability and Statistics in Grades 1-8 (included in major)	2
S3 (Creativity)		
SPED 476	Professional Practices in Special Education (included in major)	2
R1 (Equity, Diversity, Inclusivity)		

ES 385	Social Foundations: Human Relations (included in major)	3
AND another learning experience		
R2 (Global Perspectives)		
One learning experience		
R3 (Civic and Environmental Issues)		
SPED 200	Introduction to Diverse Learners (included in major)	3
I1 (Integration)		
SPED 476	Professional Practices in Special Education (included in major)	2
AND another learning experience		

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

This program is designed for the student who wants teacher licensure in Learning Disabilities and Cognitive Disabilities: Middle Childhood through Early Adolescence and Early Adolescence through Adolescence.

Requirements for Licensure:

CSD 311	Language Development and Disorders: Related Disciplines	3
CSD 419	Assistive Technology and Augmentative and Alternative Communication	2
ES 286	Technology & Special Education	1
ES 301	General Education Literacy Instruction PK-8	3
ES 385	Social Foundations: Human Relations	3
LMED 305	Children's Literature	3
MATH 201	Number and Operations I	2
MATH 202	Number and Operations II	2
MATH 303	Probability and Statistics in Grades 1-8	2
MATH 304	Geometry in Grades 1-8	2
SPED 200	Introduction to Diverse Learners	3
SPED 205	School and Community Experience in Special Education	3
SPED 210	Introduction to Cognitive Disabilities	3
SPED 301	Observation and Participation with Students without Disabilities in Educational Programs	3
SPED 306	Behavior Management	3
SPED 330	Introduction to Learning Disabilities	3
SPED 331	Special Education Procedures and General Methods	2
SPED 401	Assessment of Students with Disabilities	3
SPED 402	Collaboration and Consultation	2
SPED 404	Pre-Student Teaching Experience with Individuals with Mild Disabilities	3
SPED 416	Career Education and Transition	2
SPED 417	Curriculum and Methods for Students with Moderate or Severe Disabilities	3

SPED 431	Reading/Writing Remediation, Assessment, and Diagnosis for Students with Mild Disabilities	3
SPED 434	Secondary Methods for Students with Mild Disabilities	2
SPED 436	Mathematics Methods for Students with Mild Disabilities	2
SPED 470	Student Teaching in Special Education (LD)	7
SPED 470	Student Teaching in Special Education (CD)	7
SPED 476	Professional Practices in Special Education	2

Special Education, Learning Disabilities and Middle Childhood through Early Adolescence Regular Education, Comprehensive Major

(Code 950-067)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
a minimum of 36 credits		
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences	
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences	
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences	
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience	
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences	
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience	
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences	
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences	
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences	
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences	
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences	
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Special Education

EBD/MC-EA Regular Education and LD/MC-EA Regular Education follow Middle Childhood through Early Adolescence

Liberal Education Requirements are listed in the table below:

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course		
AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		
WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	

WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students	
AND at least one oral communication course from the following:		
CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	
S2 (Mathematics)		
MATH 303	Probability and Statistics in Grades 1-8 (included in major)	2
S3 (Creativity)		
SPED 476	Professional Practices in Special Education (included in major)	2
R1 (Equity, Diversity, Inclusivity)		
ES 385	Social Foundations: Human Relations (included in major)	3
AND another learning experience		
R2 (Global Perspectives)		
One learning experience		
R3 (Civic and Environmental Issues)		
SPED 200	Introduction to Diverse Learners (included in major)	3
I1 (Integration)		
SPED 476	Professional Practices in Special Education (included in major)	2
AND another learning experience		

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

This program is designed for the student who wants teacher licensure in Learning Disabilities: Middle Childhood through Early Adolescence and Early Adolescence through Adolescence; and Regular Education: Middle Childhood through Early Adolescence.

Requirements for Licensure:

ES 203	Exploring Schooling in Grades 1-8	2
ES 304	Teaching and Learning Practices	2
ES 306	Mathematics Curriculum and Instruction in Grades 1-8	3
ES 307	Language Arts Curriculum and Instruction in Grades 1-8	3
ES 308	Science Curriculum and Instruction in Grades 1-8	3
ES 309	Social Studies Curriculum and Instruction in Grades 1-8	3
ES 335	Reading Assessment, Diagnosis and Remediation	2
ES 381	Technology for Educators	2

ES 385	Social Foundations: Human Relations	3
ES 457	Integrating Literacies into the Middle Grades Curriculum	3
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
KINS 327	Movement Education for Elementary Grades	2
LMED 305	Children's Literature	3
MATH 201	Number and Operations I	2
MATH 202	Number and Operations II	2
MATH 303	Probability and Statistics in Grades 1-8	2
MATH 304	Geometry in Grades 1-8	2
MUSI 340	Music and Related Arts in PK-8 Education	3
CSD 311	Language Development and Disorders: Related Disciplines	3
SPED 200	Introduction to Diverse Learners	3
SPED 205	School and Community Experience in Special Education	3
SPED 306	Behavior Management	3
SPED 330	Introduction to Learning Disabilities	3
SPED 331	Special Education Procedures and General Methods	2
SPED 401	Assessment of Students with Disabilities	3
SPED 402	Collaboration and Consultation	2
SPED 404	Pre-Student Teaching Experience with Individuals with Mild Disabilities	3
SPED 416	Career Education and Transition	2
SPED 431	Reading/Writing Remediation, Assessment, and Diagnosis for Students with Mild Disabilities	3
SPED 434	Secondary Methods for Students with Mild Disabilities	2
SPED 436	Mathematics Methods for Students with Mild Disabilities	2
ES 441	Student Teaching in Elementary Education	7
or ES 445	Student Teaching in Middle Level Education	
SPED 470	Student Teaching in Special Education (LD)	7
SPED 476	Professional Practices in Special Education	2

Special Education, Unified Early Childhood, Comprehensive Major

(Code 950-098)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
	Obtain admission to the degree program and/or the College offering it.	
	Apply for graduation on CampS.	

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	

Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
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Service-Learning Goal

Service-Learning (p. 49)	30 hours
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College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits

Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

- Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
- Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Special Education

EBD/MC-EA Regular Education and LD/MC-EA Regular Education follow Middle Childhood through Early Adolescence

Liberal Education Requirements are listed in the table below:

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course		
AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		
WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	
WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students	
AND at least one oral communication course from the following:		
CJ 201	Introduction to Interpersonal Communication	
CJ 202	Fundamentals of Speech	
CJ 203	Fundamentals of Human Communication	
S2 (Mathematics)		
MATH 303	Probability and Statistics in Grades 1-8 (included in major)	2
S3 (Creativity)		
SPED 476	Professional Practices in Special Education (included in major)	2
R1 (Equity, Diversity, Inclusivity)		
ES 385	Social Foundations: Human Relations (included in major)	3
AND another learning experience		

R2 (Global Perspectives)

One learning experience

R3 (Civic and Environmental Issues)

SPED 200	Introduction to Diverse Learners (included in major)	3
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I1 (Integration)

SPED 476	Professional Practices in Special Education (included in major)	2
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AND another learning experience

Admission Requirements

Admission to Professional Education Programs (p. 474)

Major Requirements

This program is designed for the student who wants teacher licensure in Early Childhood: Special Education and Early Childhood: Regular Education (birth through Grade 3).

Requirements for Licensure:

CSD 257	Normal Communication Development	3
CSD 411	Facilitating Communication in Preschool Children	2
MATH 201	Number and Operations I	2
MATH 202	Number and Operations II	2
MATH 303	Probability and Statistics in Grades 1-8	2
ES 286	Technology & Special Education	1
ES 301	General Education Literacy Instruction PK-8	3
ES 385	Social Foundations: Human Relations	3
LMED 305	Children's Literature	3
SPED 200	Introduction to Diverse Learners	3
SPED 205	School and Community Experience in Special Education	3
SPED 301	Observation and Participation with Students without Disabilities in Educational Programs	3
SPED 306	Behavior Management	3
SPED 331	Special Education Procedures and General Methods	2
SPED 401	Assessment of Students with Disabilities	3
SPED 404	Pre-Student Teaching Experience with Individuals with Mild Disabilities	3
SPED 423	Characteristics and Interventions for Young Children with Low Incidence Disabilities	3
SPED 431	Reading/Writing Remediation, Assessment, and Diagnosis for Students with Mild Disabilities	3
SPED 472	Student Teaching in Special Education (LEAP)	3
SPED 476	Professional Practices in Special Education	2
UEC 220	Introduction to Inclusive Early Childhood Education	3
UEC 321	Observation and Informal Assessment of Young Children	2

UEC 322	Inclusive Play and Sensory Exploration in Early Childhood Education	3
UEC 324	Language and Cultural Diversity in Inclusive Early Childhood Education	3
UEC 325	Inclusion and Collaboration in Early Childhood	3
UEC 421	Early Childhood Pre-Primary Methods	3
UEC 422	Pre-Primary Practicum	1
UEC 424	Inclusive Numeracy and Math: 0-8	3
UEC 425	Integrated Curriculum and Inquiry	3
UEC 426	Infant and Toddler Intervention and Programming	3
UEC 470	Student Teaching in Early Childhood (ECSE)	4
UEC 470	Student Teaching in Early Childhood (Pre-pri)	4
UEC 470	Student Teaching in Early Childhood (primary)	4

NOTE: Current community first aid and CPR certification is required.

NOTE: Birth-to-3 observation hours are required.

Communication Sciences and Disorders

Human Sciences and Services 112

715-836-4186

www.uwec.edu/csd (<http://www.uwec.edu/csd>)

Communication is one of the most important human attributes. The child or adult unable to speak or hear normally can be isolated. Communication Sciences and Disorders (Speech-Language Pathology and Audiology) is the profession devoted to helping people overcome disabilities in speech, language, swallowing, and/or hearing, and to increasing our knowledge of the human communication processes.

The first step toward a career in this field is the earning of an undergraduate degree with a major in Communication Sciences and Disorders. The undergraduate degree program, which involves a comprehensive major of an interdisciplinary nature or a standard major, includes a strong liberal arts and sciences component. A master's degree is required to complete the professional education prior to initial employment. For a description of the UW-Eau Claire master's degree program in speech-language pathology, contact the Department. The master's degree program is accredited in speech-language pathology by the Council on Academic Accreditation of the American Speech-Language-Hearing Association and is approved by the Wisconsin Department of Public Instruction.

Department Honors Program

Eligibility: Acceptance into the program is limited to upper-class majors with resident and total GPAs of 3.50 or higher, an average of 3.50 or higher in CSD courses, and the consent of the department. Successful completion at time of application of CSD 256, CSD 257, and CSD 353, with a grade of B or above. Students invited to join the CSD Departmental Honors program will not have taken any courses for a grade of Satisfactory or Unsatisfactory.

Requirements: Completion of a two-credit Research Seminar; two upper division CSD courses offering an Honors Contract; a Scholarship project selected from four options; presentation of project or research results at CSD Pro-Sem during spring of senior year; presentation of project or research at UW-Eau Claire Student Research Day and for other campus, state, or national research conferences; and graduating with a total GPA of 3.5 or higher and a GPA of 3.5 or higher in CSD course work.

Admission to Major Requirements

Formal admission to the Communication Sciences and Disorders program must be made. A student must be admitted to UW-Eau Claire as a pre-CSD student before applying to the CSD program. Admissions will take place twice each year. Applications, using the e-form, are due by February 15 and September 15 each year. In order to be considered for admission, students must have the following:

1. Been accepted as a pre-CSD student in the university in good standing.
2. Completed WRIT 114, WRIT 116 or WRIT 120, and IDIS 100 or SW 100, and PSYC 100.
3. Completed one 4- or 5- credit Biology, Chemistry or Physics course from the following options: BIOL 105, BIOL 151, BIOL 214 or BIOL 221, IDIS 125, CHEM 100, CHEM 103, CHEM 115, or CHEM 127 or PHYS 100, PHYS 205, PHYS 211 or PHYS 308.
4. Completed CSD 235.
5. Completed one (1) of the following pairs of courses: CSD 256 AND CSD 262 or CSD 257 AND CSD 353.

6. Earned a grade of C or above in all courses listed above.
7. Earned a combined GPA of at least 3.0 across 3 of the 5 CSD courses listed above, plus one 4-credit science course listed above.
8. Submitted the application form, along with a recent degree audit by the deadline.

The CSD department uses a holistic admissions process. This means that grades earned in all course work will be used to make admissions decisions. In addition to grades, the admissions committee will use information gathered through class participation in the CSD courses to support demonstration of acceptable speaking and writing skills and appropriate dispositional skills essential for success in this major. A faculty committee will make admissions decisions and notify all applicants before fall or spring registration begins.

The department may find it necessary to deny admission to a qualified applicant because of enrollment limits in the upper division CSD courses. Depending on the number of applicants, it is likely that the GPA required to be competitive for admission may be well above the 3.0 minimum GPA. Meeting the minimum standards does not guarantee a student will be admitted to the major. Resources allow admission of approximately 60 students each year.

Faculty

Vicki Samelson, Chair

Shannon Collins
Deborah Elledge
Kay Hagedorn
Abby Hemmerich
Jerry Hoepner
Tom Sather
Angela Sterling-Orth
Jennifer Thistle

Off-Campus Adjunct Faculty:

A current listing is available from the Chair of the Department.

Majors

- Comprehensive Major: Communication Sciences and Disorders, Liberal Arts - B.S. (p. 496)

Certificates

- Certificate: American Sign Language (ASL) (p. 496)

American Sign Language, Certificate

(Code 622-601)

The Communication Sciences and Disorders program offers a certificate program for interested students in American Sign Language (ASL). The goals of this program are for students to develop a depth of knowledge and skill in the use of ASL; students will appreciate the distinct culture of the Deaf community and behave according to the social norms of the culture; and students will apply semantic and/or linguistic elements of ASL in their use of the language. This certificate will not satisfy external standards. Interpreters must complete a minimum of an Associate's degree; teachers of ASL must be licensed to teach ASL or hold Deaf and Hard of Hearing teacher licensure.

Required courses:

CSD 101	American Sign Language I	3
CSD 102	American Sign Language II	3

CSD 103	American Sign Language III	3
CSD 201	American Sign Language IV	3
CSD 210	Cultural Perspectives of the Deaf	3

Select one course from the following:

CSD 301	American Sign Language Semantics
CSD 302	American Sign Language Linguistics

Upon completion of the requirements for the certificate, the student will contact the Office of Continuing Education for final verification of completion of requirements. The Office of Continuing Education will then notify the Registrar that the student has completed all requirements.

Communication Sciences and Disorders, Comprehensive Major

Liberal Arts (Code 622-053)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate

will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
a minimum of 36 credits		
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

Human Sciences Departments

Specific Degree Requirements

Specific requirements for some human science degrees are published in conjunction with the Catalog description of the major leading to the degree, with specific courses required in several Liberal Education outcomes.

Bachelor of Science Degree in the College of Education and Human Sciences

Candidates for the degree of Bachelor of Science from a human sciences department must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements. (see University Graduation Requirements (p. 46))

General Information

Placement Tests. The mathematics/foreign language placement tests are given during the orientation periods for new freshmen and transfers. Further information about the foreign language or the mathematics tests is available from the chair of the appropriate department.

Laboratory Science Courses. The following have been designated as fulfilling the requirements for laboratory science courses in the human sciences departments:

Code	Title	Credits
BIOL 151	Biology of Humans	4
BIOL 195	Plants and Society	4
BIOL 214	Human Anatomy and Physiology I	4
BIOL 320	Studies in Tropical Environments	3
BIOL 356	Wisconsin Wildlife	4
CHEM 100	Chemistry: Issues and Answers	3
CHEM 103	General Chemistry I	4
CHEM 104	General Chemistry II	4
CHEM 115	Chemical Principles	6
CHEM 325	Organic Chemistry I with Laboratory	4
GEOG 104	The Physical Environment	4
GEOL 106	Earth Science	4
GEOL 110	Physical Geology	4
GEOL 115	Environmental Geology	4
MSCI 100	Introduction to Materials Science and Nanoscience	4
PHYS 100	Physical Science	4
PHYS 211	General Physics	5
PHYS 212	General Physics	4
PHYS 226	Astronomy-Solar System	4
PHYS 229	Astronomy-Stars and Galaxies	4
PHYS 231	University Physics I	5
PHYS 232	University Physics II	5

Degree Requirements

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements.

Human Sciences Graduation Requirements: Grade Point Averages. All degree candidates must earn minimum resident and total GPAs of 2.00 or higher in both the major and the second program if one is required. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the second program are computed similarly.

Major-Minor and Major-Certificate Requirements. Each candidate for a baccalaureate degree must present one of the following:

- Comprehensive major (at least 59-60 credits)
- Standard major (at least 36 credits) plus one of the following:
 - Another standard major (at least 36 credits), or
 - A minor (at least 24 credits), or
 - A certificate (12-18 credits)

No minor or certificate is required with a Comprehensive Major or with two majors of 36 credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Major Requirements

Fifty-nine semester credits, including:

CSD 235	Undergraduate Research in Communication Sciences and Disorders	2
CSD 256	Anatomy and Physiology of Speech and Hearing	4
CSD 257	Normal Communication Development	3
CSD 262	Phonetics: Theory and Application	2
CSD 321	Aural Rehabilitation	3
CSD 326	Voice and Resonance Disorders	3
CSD 331	Child Language Disorders	4
CSD 352	Fluency Disorders	3
CSD 353	Speech and Hearing Science	3
CSD 358	Phonological Disorders	3
CSD 373	Basic Audiology	3
CSD 378	Introduction to Sign Language	3
or CSD 101	American Sign Language I	
CSD 440	Neurological Aspects of Communication	2
CSD 485	Serving Diverse Populations	2
Non-CSD courses:		
PSYC 100	Introduction to Psychology	3
PSYC 260	Educational Psychology	3
ES 385	Social Foundations: Human Relations	3
SW 100	Introduction to Social Welfare	3
Seven credits from the following CSD Electives:		
CSD 150	Introduction to Communication Sciences and Disorders	
CSD 370	Clinical Procedures in Communication Disorders	
CSD 410	Communication Changes and Disorders of the Older Adult	
CSD 411	Facilitating Communication in Preschool Children	
CSD 415	Instructional Internship in Communication Disorders	
CSD 419	Assistive Technology and Augmentative and Alternative Communication	
CSD 448	Aphasia and Related Disorders	
CSD 470	Clinical Practicum in Communication Disorders I	
CSD 499	Independent Study - Seniors	
Total Credits		59

¹ SPED 220 is the equivalent to UEC 220

For students pursuing this degree, the Liberal Education program will include:

Required courses not counted toward credits in major:

K1 (Natural Sciences)

At least one Biology course from the following:

BIOL 105	General Biology
BIOL 151	Biology of Humans
BIOL 214	Human Anatomy and Physiology I
BIOL 221	Foundations of Biology I
OR	
IDIS 125	Brain: Introduction to Neuroscience

AND at least one Chemistry or Physics course from the following:

CHEM 100	Chemistry: Issues and Answers
CHEM 103	General Chemistry I
CHEM 104	General Chemistry II
CHEM 115	Chemical Principles
CHEM 127	Chemistry and Climate
PHYS 100	Physical Science
PHYS 205	Physics of Renewable Energy
PHYS 211	General Physics
PHYS 231	University Physics I
PHYS 308	Science of Musical Sound

K2 (Social Sciences)

PSYC 100	Introduction to Psychology	3
PSYC 260	Educational Psychology	3

K3 (Humanities)

At least one literature course and another learning experience 4

K4 (Fine Arts)

One fine arts course

S1 (Written and Oral Communication)

At least one writing course from the following:

WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing
WRIT 116	Blugold Seminar in Critical Reading and Writing
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students

AND at least one oral communication course from the following:

CJ 201	Introduction to Interpersonal Communication
CJ 202	Fundamentals of Speech
CJ 203	Fundamentals of Human Communication

S2 (Mathematics)

MATH 246	Elementary Statistics	4
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S3 (Creativity)

CSD 470	Clinical Practicum in Communication Disorders I (or another learning experience)	2
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R1 (Equity, Diversity, Inclusivity)

ES 385 Social Foundations: Human Relations 3

AND another learning experience

R2 (Global Perspectives)

SW 100 Introduction to Social Welfare 3

R3 (Civic and Environmental Issues)

At least one of the following:

CSD 150 Introduction to Communication Sciences
and Disorders

CHEM 100 Chemistry: Issues and Answers

CHEM 127 Chemistry and Climate

OR another learning experience

IL (Integration)

SW 100 Introduction to Social Welfare

CSD 470 Clinical Practicum in Communication
Disorders I

OR PSYC 281 or another learning experience

Course in Western History or Western Contemporary Culture and course in Non-Western History or Non-Western Contemporary Culture.

NOTE: A master's degree in Communication Sciences and Disorders is required for Early Childhood through Adolescence licensure in speech and language pathology prior to employment in Wisconsin schools.

NOTE: Enrollment in upper division courses, with the exception of CSD 301, CSD 302, CSD 311, CSD 353, CSD 378, CSD 410, CSD 411, CSD 415, CSD 419, CSD 495, and CSD 499, is restricted to students who have been admitted to the major.

Scholastic Requirements: A minimum total GPA of 2.50 is required to take 300- and 400-level major courses, with the exception of CSD 353, Speech and Hearing Science. A minimum CSD GPA of 3.50 and total GPAs of 3.0 are required to enroll in CSD 370 and CSD 470.

Satisfactory/Unsatisfactory Policy. No degree credit may be earned under the Satisfactory/Unsatisfactory option in any course presented for completion of a major in Communication Sciences and Disorders unless Satisfactory/Unsatisfactory is the only grading option available for a course.

Kinesiology

McPhee 219

715-836-3700

www.uwec.edu/kin (<http://www.uwec.edu/kin>)

Kinesiology is the study of the art and science of human movement. The mission of the Department of Kinesiology at the University of Wisconsin-Eau Claire is to foster purposeful learning in the science, application, and principles of kinesiology to understand the full nature of human movement across the lifespan. We live and promote this mission by developing and preparing transformative learners to lead others in the achievement of a healthy, physically active lifestyle, and an enhanced quality of life.

Toward this end, the department offers majors in Athletic Training and Kinesiology. The Kinesiology major has four emphases to choose from including Human Performance, Teaching Early Childhood through Adolescence Physical Education, Sport Pedagogy, and Movement Studies. Minors are offered in the Science of Coaching, Adaptive Physical Education, and Kinesiology.

All the programs in the department are designed to stimulate intellectual development, instill leadership qualities, and promote service to others.

Information for All Students

A number of required courses within the majors and minors may undergo revision. Course information is therefore subject to change. See your academic adviser for additional information on how these changes may affect your individual plan of study.

Some courses require a special fee because of the nature of the activity. Current special course fees are shown in the Class Schedule.

Department programs may be limited by resources available. All new students are strongly encouraged to make contact with their assigned academic adviser early in the semester.

Satisfactory/Unsatisfactory Policy

No degree credit may be earned under the Satisfactory/Unsatisfactory option in any course presented for completion of a major or minor in Athletic Training or Kinesiology unless Satisfactory/Unsatisfactory is the only grading option available for a course.

Additional Licensure and Certification

Adaptive Physical Education

Licensed physical education teachers who wish to add licensure in Adaptive Physical Education must complete either the minor or 15 semester credits including:

SPED 200	Introduction to Diverse Learners	3
Select one of the following:		
SPED 210	Introduction to Cognitive Disabilities	3
UEC 220	Introduction to Inclusive Early Childhood Education ¹	
SPED 306	Behavior Management	
KINS 484	Adapted Physical Education	3
KINS 487	Assessment in Adapted Physical Education	3
KINS 493	Practicum in Adapted Physical Education	3

¹ SPED 220 is the equivalent to UEC 220

Health Education

Licensed physical education teachers who wish to add licensure in Health Education must complete 26 semester credits.

BIOL 130	Human Sexual Biology	3
BIOL 151	Biology of Humans	4
BIOL 196	Human Nutrition	3
or KINS 450	Applied Nutrition in Kinesiology	
KINS 274	First Aid and Community CPR	1
KINS 294	Anatomical Kinesiology	3
KINS 308	Exercise Physiology	3
KINS 335	Introduction to School Health Education and Current Health Issues	3
KINS 336	Strategies and Assessment in School Health Education	3
KINS 337	Health Education Curriculum Design	3

In addition, students must pass the appropriate Praxis II Content Exam.

Faculty

Steven Fleck, Chair

Saori Braun
 Mike Collins
 Tonja Englund
 Garry Grant
 Jeff Janot
 Marquell Johnson
 Peg Johnson
 Michelle Mattes
 Jamie O'Connor
 Yoonsin Oh
 Robert Stow
 Tadd Turnquist
 Matt Wiggins
 Sean Yengo

Majors

- Comprehensive Major: Kinesiology, Physical Education Teaching Emphasis - B.S. (p. 517)
- Comprehensive Major: Kinesiology, Sports Pedagogy Emphasis - B.S. (p. 520)
- Major: Kinesiology, Movement Studies Emphasis - B.S. (p. 515)
- Comprehensive Major: Kinesiology, Human Performance Emphasis, Sport Performance Option - B.S. (p. 512)
- Comprehensive Major: Kinesiology, Human Performance Emphasis, Fitness Management Option - B.S. (p. 504)
- Comprehensive Major: Kinesiology, Human Performance Emphasis, Health Promotion Option - B.S. (p. 506)
- Comprehensive Major: Kinesiology, Human Performance Emphasis, Pre-Professional Option - B.S. (p. 509)
- Comprehensive Major: Athletic Training - B.S. (p. 500)

Minors

- Minor: Adaptive Physical Education, Teaching (p. 500)
- Minor: Kinesiology, Liberal Arts (p. 515)
- Minor: Science of Coaching, Liberal Arts (p. 523)
- Minor: Science of Coaching, Teaching (p. 523)

Adaptive Physical Education, Minor

Teaching (Code 991-459)

Twenty-four semester credits, including:

SPED 200	Introduction to Diverse Learners	3
SPED 306	Behavior Management	3
KINS 484	Adapted Physical Education	3
KINS 487	Assessment in Adapted Physical Education	3
KINS 493	Practicum in Adapted Physical Education	3

Nine credits selected from:

CSD 378	Introduction to Sign Language	9
SPED 210	Introduction to Cognitive Disabilities	
SPED 330	Introduction to Learning Disabilities	
SPED 350	Introduction to Emotional/Behavioral Disabilities	

Total Credits

24

This minor is restricted to licensed physical educators and students in the College of Education and Human Sciences: Education Studies: Option C and leads to licensure to teach Adaptive Physical Education in Early Childhood through Adolescence classrooms.

Athletic Training, Comprehensive Major

(Code 995-060)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23

Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements**Human Sciences Departments****Specific Degree Requirements**

Specific requirements for some human science degrees are published in conjunction with the Catalog description of the major leading to the degree, with specific courses required in several Liberal Education outcomes.

Bachelor of Science Degree in the College of Education and Human Sciences

Candidates for the degree of Bachelor of Science from a human sciences department must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements. (see University Graduation Requirements (p. 46))

General Information

Placement Tests. The mathematics/foreign language placement tests are given during the orientation periods for new freshmen and transfers. Further information about the foreign language or the mathematics tests is available from the chair of the appropriate department.

Laboratory Science Courses. The following have been designated as fulfilling the requirements for laboratory science courses in the human sciences departments:

Code	Title	Credits
BIOL 151	Biology of Humans	4
BIOL 195	Plants and Society	4
BIOL 214	Human Anatomy and Physiology I	4
BIOL 320	Studies in Tropical Environments	3
BIOL 356	Wisconsin Wildlife	4
CHEM 100	Chemistry: Issues and Answers	3
CHEM 103	General Chemistry I	4
CHEM 104	General Chemistry II	4
CHEM 115	Chemical Principles	6
CHEM 325	Organic Chemistry I with Laboratory	4
GEOG 104	The Physical Environment	4
GEOL 106	Earth Science	4
GEOL 110	Physical Geology	4
GEOL 115	Environmental Geology	4
MSCI 100	Introduction to Materials Science and Nanoscience	4
PHYS 100	Physical Science	4
PHYS 211	General Physics	5
PHYS 212	General Physics	4
PHYS 226	Astronomy-Solar System	4
PHYS 229	Astronomy-Stars and Galaxies	4

PHYS 231	University Physics I	5
PHYS 232	University Physics II	5

Degree Requirements

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements.

Human Sciences Graduation Requirements: Grade Point Averages. All degree candidates must earn minimum resident and total GPAs of 2.00 or higher in both the major and the second program if one is required. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the second program are computed similarly.

Major-Minor and Major-Certificate Requirements. Each candidate for a baccalaureate degree must present one of the following:

- Comprehensive major (at least 59-60 credits)
- Standard major (at least 36 credits) plus one of the following:
 - Another standard major (at least 36 credits), or
 - A minor (at least 24 credits), or
 - A certificate (12-18 credits)

No minor or certificate is required with a Comprehensive Major or with two majors of 36 credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Admission Requirements

Admission to Athletic Training Major

This major prepares students to become entry-level certified athletic trainers who are highly educated health care professionals who specialize in educating patients, preventing, recognizing, managing, and rehabilitating injuries that result from physical activity. Certified athletic trainers are part of a complete health care team that works under the direction of a licensed physician and in cooperation with other health care professionals and may work in high schools, colleges/universities, clinics/hospitals, corporations/industries, or for professional sports teams. Clinical/field experience is a valuable educational tool and an area of emphasis in the athletic training education program through clinical site rotations. All students majoring in athletic training are required to complete clinical/field experiences arranged by the athletic training educational program.

The Athletic Training major is accredited through the Commission on Accreditation of Athletic Training Education (CAATE). Successful completion of this major allows students to sit for the Board of Certification (BOC) examination to become a certified athletic trainer.

All freshmen/transfer students who declare athletic training as their major on admittance to the University must meet with the Program Director in an advising group meeting before the start of the first semester. Students who declare athletic training as their major after the beginning of the spring semester will be advised to start candidacy in the fall semester. As part of the candidacy period, all students are required to complete 50 hours of observation with a certified athletic trainer prior to the application deadline of April 1.

Formal application may be made to the Athletic Training Major during the second semester of the first year of attendance. This will allow selected students to start the three-year course of study during the fall semester of the

following year. The number of students admitted to the program is limited by resources available. Not everyone who applies can be guaranteed admission (currently 12-15 new students are admitted each year).

The Athletic Training Education Program Committee will screen students for admission to the program and make recommendations to the department chair. At the time of application, students must submit:

1. A completed program application form.
2. Transcripts indicating a total GPA of 2.75 or higher on a minimum of 25 credits of degree work.
3. Proof of the completion of 50 hours of observation under the direct supervision of a certified athletic trainer.
4. Evidence of completing and passing a background check.
5. Transcripts indicating completion of KINS 274 or hold a current American Red Cross Lay Responder CPR/AED and First Aid card (or equivalent).
6. Evidence of being tuberculosis free (Student Health Service offers TB tests).
7. Evidence of receiving at least two of the three required immunizations in the Hepatitis B vaccine series (or a signed Hepatitis B immunization declination) and verification of immunization history for measles, mumps, rubella, tetanus, and diphtheria.
8. Completion of KINS 204, Introduction to Athletic Training, with a grade of "B" (3.00) or above.
9. Documentation of compliance with the Athletic Training Education Program Technical Standards for Admission, which are based on the physical, cognitive, and attitudinal abilities that an entry-level athletic trainer must possess (see Athletic Training Education Program director for more information or copies of the technical standards).

Student admission will be based on the following criteria:

1. Performance evaluations by clinical supervisors—30%
2. Interview—30%
3. Cumulative University GPA—40%

Each student will be given a numerical score for each of the above categories. The totals for each student will be ranked, and the top 18-20 students will be recommended to the department chair for admission to the program. Letters of acceptance status will be sent by June 15 each year. Students who are not accepted are encouraged to select another major at the University. Those students who choose to reapply the following year are reminded that the major is a three-year course of study once accepted and that reapplying will delay their graduation by at least one year.

Students accepted into the program will have to have a physical examination completed during the summer. Students will begin their athletic training course work and clinical education/field experiences in the fall.

Any costs incurred with application and acceptance into the program are the athletic training student's responsibility. These costs may include, but are not limited to: fees for CPR and First Aid certification, Hepatitis B vaccinations, updates of other immunizations, physical examination, membership in the NATA, athletic training specific clothing, travel to and from clinical sites, and other items needed for didactic and/or clinical study.

Retention

Once admitted into the Athletic Training major, the student must meet the following criteria to remain in the major:

1. Maintain a 3.00 GPA total in all athletic training core courses.
2. Earn a grade of B- or above in all ATEP core courses. *ATEP courses with a letter grade below B- must be repeated.*

- Continue to be in compliance with the Athletic Training Education Program Technical Standards for Admission and the National Athletic Trainers' Association (NATA) Code of Ethics, policies and guidelines established by the program's accrediting agency (CAATE), and the policy and procedures manual established by the ATEP (see the Athletic Training Education Program director for a copy of the manual).
- Satisfactorily complete all clinical experiences and other required program criteria.

To graduate from this program a student must achieve a 2.75 or higher total GPA.

Transfer Students

Transfer students must meet all application requirements prior to application to the program. KINS 204, Introduction to Athletic Training, must be taken on campus. Those students who are transferring from another institution with an accredited (CAATE) athletic training program and have taken an equivalent course, may petition the selection committee to accept the course. Transfer students who are interested in the Athletic Training major should inform the Admissions Office upon application for admission to the university and contact the Athletic Training Education Program director.

Special Fall Admission Policy

First-time applicants, who meet all of the stated admission criteria, may apply by November 1 for admission to the athletic training major. This application period is intended for students who enroll during the spring semester or transfer from another accredited athletic training program. Enrollment will be limited to the number of clinical positions available. Applicants who are considered during the special fall admission period and are not accepted at that time will be considered again during the spring application period.

Student Transportation

Students in the athletic training education program must provide their own transportation to and from clinical experiences. Some clinical experiences may require travel to other communities.

Major Requirements

Sixty-two semester credits including the following courses:

KINS 294	Anatomical Kinesiology	3
KINS 304	Biomechanical Kinesiology	3
KINS 308	Exercise Physiology	3
BIOL 314	Human Anatomy and Physiology II ¹	4
ENPH 450	Epidemiology	3
KINS 204	Introduction to Athletic Training	1
KINS 275	Prevention and Care of Athletic/Exercise Injuries	2
KINS 277	Prevention and Care of Athletic Injuries Lab	1
KINS 280	Acute Care of Athletic Injuries/Illness	3
KINS 284	Palpatory Anatomy in Kinesiology	1
KINS 310	Therapeutic Modalities in Athletic Training	3
KINS 315	Athletic Training Lab and Practicum I	1
KINS 316	Athletic Training Lab and Practicum II	1
KINS 330	Therapeutic Exercise in Athletic Training	3
KINS 357	Essentials of Strength and Conditioning	3
KINS 375	Evaluation Techniques-Lower Body	3
KINS 376	Evaluation Techniques-Upper Body	3
KINS 415	Athletic Training Lab and Practicum III	1

KINS 416	Athletic Training Lab and Practicum IV	1
KINS 420	Medical Aspects of Athletic Training	3
KINS 430	Administration and Organization in Athletic Training	3
KINS 450	Applied Nutrition in Kinesiology	3
KINS 460	Psychosocial Aspects of Injury and Illness	3
KINS 474	Research Methods in Kinesiology (Meets LE - S3 and I1)	4
NRSG 375	Pharmacotherapeutics and Pathophysiology for Allied Health Professionals	3

Total Credits **62**

- ¹ BIOL 214 is prerequisite for BIOL 314 and also meets other program requirements.

Required LE courses, not counted toward credits in major:

K1 (Natural Sciences)		
CHEM 103	General Chemistry I	4
PHYS 100	Physical Science	4-5
or PHYS 211	General Physics	

K2 (Social Sciences)		
PSYC 100	Introduction to Psychology	3
PSYC 230	Human Development	3

S1 (Written and Oral Communication)		
CJ 202	Fundamentals of Speech	3

AND one of the following writing courses:

WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	
WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students	

S2 (Mathematics)		
MATH 246	Elementary Statistics	4

Note: KINS 186 or KINS 262 required to meet accreditation competencies.

Note: Service-Learning graduation requirement is met by the completion of required course work within this major

Kinesiology, Human Performance Emphasis, Fitness Management Option, Comprehensive Major

(Code 991-067)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal	
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal	
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal	
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal	
Service-Learning (p. 49)	30 hours

College Degree Requirements

Human Sciences Departments

Specific Degree Requirements

Specific requirements for some human science degrees are published in conjunction with the Catalog description of the major leading to the degree, with specific courses required in several Liberal Education outcomes.

Bachelor of Science Degree in the College of Education and Human Sciences

Candidates for the degree of Bachelor of Science from a human sciences department must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements.(see University Graduation Requirements (p. 46))

General Information

Placement Tests. The mathematics/foreign language placement tests are given during the orientation periods for new freshmen and transfers. Further information about the foreign language or the mathematics tests is available from the chair of the appropriate department.

Laboratory Science Courses. The following have been designated as fulfilling the requirements for laboratory science courses in the human sciences departments:

Code	Title	Credits
BIOL 151	Biology of Humans	4
BIOL 195	Plants and Society	4
BIOL 214	Human Anatomy and Physiology I	4
BIOL 320	Studies in Tropical Environments	3
BIOL 356	Wisconsin Wildlife	4
CHEM 100	Chemistry: Issues and Answers	3
CHEM 103	General Chemistry I	4
CHEM 104	General Chemistry II	4
CHEM 115	Chemical Principles	6
CHEM 325	Organic Chemistry I with Laboratory	4
GEOG 104	The Physical Environment	4
GEOL 106	Earth Science	4
GEOL 110	Physical Geology	4
GEOL 115	Environmental Geology	4
MSCI 100	Introduction to Materials Science and Nanoscience	4
PHYS 100	Physical Science	4
PHYS 211	General Physics	5
PHYS 212	General Physics	4
PHYS 226	Astronomy-Solar System	4
PHYS 229	Astronomy-Stars and Galaxies	4
PHYS 231	University Physics I	5
PHYS 232	University Physics II	5

Degree Requirements

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements.

Human Sciences Graduation Requirements: Grade Point Averages. All degree candidates must earn minimum resident and total GPAs of 2.00 or higher in both the major and the second program if one is required. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the second program are computed similarly.

Major-Minor and Major-Certificate Requirements. Each candidate for a baccalaureate degree must present one of the following:

- Comprehensive major (at least 59-60 credits)
- Standard major (at least 36 credits) plus one of the following:
 - Another standard major (at least 36 credits), or
 - A minor (at least 24 credits), or
 - A certificate (12-18 credits)

No minor or certificate is required with a Comprehensive Major or with two majors of 36 credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Admission Requirements

Admission to Human Performance Emphasis

The Human Performance Emphasis is intended to prepare students to work in clinical, commercial, corporate, and community health fitness settings. Formal application to the Human Performance Emphasis should be made during the second year (either fall or spring) of attendance while enrolled in KINS 309, Introduction to Human Performance. This will allow students to begin taking courses in their area of option (Sport Performance, Fitness Management, Health Promotion, or Pre-Professional) the next semester and begin the professional phase courses the following semester (e.g., KINS 355 and KINS 358). The number of students admitted to the program each year is limited by available resources. Not everyone who applies can be guaranteed admission (currently up to 30 new students are admitted each semester). Program admission will be stratified based on primary interest in one of the four options (Sport Performance, Fitness Management, Health Promotion, or Pre-Professional), with up to five candidates being admitted in each area. Additional candidates will then be admitted based on merit regardless of specialization area.

The Human Performance Program Committee will screen students for admission to the program. At the time of application, students must:

1. Submit a completed program application form and intended plan of study.
2. Be enrolled in or completed KINS 304, KINS 308, and KINS 309.
3. Submit a cover letter and resumé highlighting qualifications related to human performance.

Student admission will be based on the following criteria:

1. Total GPAs—40%
2. Overall performance in Kins 304, 308, and 309—36%
3. Evaluation of student cover letter, resumé, and application self reflective essays—24%

Students who are not accepted in the Human Performance program may apply again the following semester. Those students who choose to re-apply are reminded that the program is a two-year course of study once accepted and that reapplying could delay their graduation up to one year.

Admission requirements:	Kinesiology: Human Performance Emphasis
Application deadline:	Fall, spring semester while enrolled in KINS 309
Credits required prior to program admission:	Completion of 30 credits or more
Minimum GPA:	2.75 resident, major, and total GPA
Special grade/course requirement:	Completion of KINS 304, KINS 308, and KINS 309
Other requirements:	Submission of application, resumé, and cover letter
Enrollment limitations:	Maximum of 30 students admitted per semester
Admission to internship:	Completion of KINS 309, KINS 355, and KINS 358; maintenance of current American Red Cross First Aid and CPR certification or equivalent; completion of background information disclosure check prior to the start of internship; and submission of internship position description.

Retention

Once admitted into the Human Performance program, the student must meet the following criteria to remain in the program:

1. Maintain a 3.00 GPA in all Kinesiology major courses.
2. Continue to display appropriate dispositions regarding professional development, as outlined in the Policy for Disposition Intervention, Department of Kinesiology, Human Performance Emphasis.
3. Satisfactorily complete all course, lab, and practicum experiences within the Human Performance Emphasis core with a C+ or above. **Human Performance core courses with a grade lower than C+ must be repeated.**
4. **Students must maintain a 2.75 or higher total GPA to remain in the Human Performance emphasis.**

Transfer Students

Transfer students must meet all application requirements prior to application to the program. KINS 309 must be taken on campus. Transfer students who are interested in the Human Performance Emphasis should inform the Admissions Office upon application for admission to the University and contact the Human Performance program director.

Major Requirements

Core Requirements for All Kinesiology Majors (Except Athletic Training—Code 995-060)

Core Requirement

KINS 294	Anatomical Kinesiology	3
KINS 304	Biomechanical Kinesiology	3
KINS 308	Exercise Physiology	3
KINS 426	Motor Development Across the Lifespan	3

Total Credits 12

Human Performance Emphasis

Sixty semester credits including the Core:

KINS 309	Introduction to Exercise Science	3
KINS 355	Exercise Science Lab Assessment	3
KINS 357	Essentials of Strength and Conditioning	3
KINS 358	Health Fitness Instruction	3
KINS 440	Human Performance Seminar	3
KINS 464	Programming in Gerontology and Special Populations	3
KINS 466	Community Fitness Programming	3
KINS 474	Research Methods in Kinesiology ((Meets LE - S3 and I1))	4
KINS 498	Human Performance Internship	6

Fitness Management option

ACCT 201	Principles of Accounting I	3
ACCT 202	Principles of Accounting II	3
BCOM 206	Business Writing	2
BCOM 207	Business Presentations	2
IS 240	Information Systems in Business	3
MGMT 340	Organizational Behavior	3

Three credits of electives from:

KINS 200	Orientation to Kinesiology	
KINS 348	Exercise Science Apprenticeship	
MGMT 349	Human Resource Management	

MKTG 330	Principles of Marketing
NRSG 333	Wellness in the Work World

Required LE courses not counted toward major:

K1 (Natural Sciences)

BIOL 151	Biology of Humans
PHYS 100	Physical Science
or PHYS 211	General Physics

S2 (Mathematics)

MATH 246	Elementary Statistics
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Note: BIOL 196 is required for this emphasis to gain necessary knowledge for success in upper-division courses.

Note: The Service-Learning graduation requirement is met by the completion of required course work within this major.

Kinesiology, Human Performance Emphasis, Health Promotion Option, Comprehensive Major

(Code 991-068)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

Human Sciences Departments

Specific Degree Requirements

Specific requirements for some human science degrees are published in conjunction with the Catalog description of the major leading to the degree, with specific courses required in several Liberal Education outcomes.

Bachelor of Science Degree in the College of Education and Human Sciences

Candidates for the degree of Bachelor of Science from a human sciences department must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements.(see University Graduation Requirements (p. 46))

General Information

Placement Tests. The mathematics/foreign language placement tests are given during the orientation periods for new freshmen and transfers. Further information about the foreign language or the mathematics tests is available from the chair of the appropriate department.

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BIOL 195	Plants and Society	4
BIOL 214	Human Anatomy and Physiology I	4
BIOL 320	Studies in Tropical Environments	3
BIOL 356	Wisconsin Wildlife	4
CHEM 100	Chemistry: Issues and Answers	3
CHEM 103	General Chemistry I	4
CHEM 104	General Chemistry II	4
CHEM 115	Chemical Principles	6
CHEM 325	Organic Chemistry I with Laboratory	4
GEOG 104	The Physical Environment	4
GEOL 106	Earth Science	4
GEOL 110	Physical Geology	4
GEOL 115	Environmental Geology	4
MSCI 100	Introduction to Materials Science and Nanoscience	4
PHYS 100	Physical Science	4
PHYS 211	General Physics	5
PHYS 212	General Physics	4
PHYS 226	Astronomy-Solar System	4
PHYS 229	Astronomy-Stars and Galaxies	4
PHYS 231	University Physics I	5
PHYS 232	University Physics II	5

Degree Requirements

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements.

Human Sciences Graduation Requirements: Grade Point Averages. All degree candidates must earn minimum resident and total GPAs of 2.00 or

higher in both the major and the second program if one is required. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the second program are computed similarly.

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- Comprehensive major (at least 59-60 credits)
- Standard major (at least 36 credits) plus one of the following:
 - Another standard major (at least 36 credits), or
 - A minor (at least 24 credits), or
 - A certificate (12-18 credits)

No minor or certificate is required with a Comprehensive Major or with two majors of 36 credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Admission Requirements

Admission to Human Performance Emphasis

The Human Performance Emphasis is intended to prepare students to work in clinical, commercial, corporate, and community health fitness settings. Formal application to the Human Performance Emphasis should be made during the second year (either fall or spring) of attendance while enrolled in KINS 309, Introduction to Human Performance. This will allow students to begin taking courses in their area of option (Sport Performance, Fitness Management, Health Promotion, or Pre-Professional) the next semester and begin the professional phase courses the following semester (e.g., KINS 355 and KINS 358). The number of students admitted to the program each year is limited by available resources. Not everyone who applies can be guaranteed admission (currently up to 30 new students are admitted each semester). Program admission will be stratified based on primary interest in one of the four options (Sport Performance, Fitness Management, Health Promotion, or Pre-Professional), with up to five candidates being admitted in each area. Additional candidates will then be admitted based on merit regardless of specialization area.

The Human Performance Program Committee will screen students for admission to the program. At the time of application, students must:

1. Submit a completed program application form and intended plan of study.
2. Be enrolled in or completed KINS 304, KINS 308, and KINS 309.
3. Submit a cover letter and resumé highlighting qualifications related to human performance.

Student admission will be based on the following criteria:

1. Total GPAs—40%
2. Overall performance in Kins 304, 308, and 309—36%
3. Evaluation of student cover letter, resumé, and application self reflective essays—24%

Students who are not accepted in the Human Performance program may apply again the following semester. Those students who choose to re-apply are reminded that the program is a two-year course of study once accepted and that reapplying could delay their graduation up to one year.

Admission requirements: Kinesiology: Human Performance Emphasis

Application deadline:	Fall, spring semester while enrolled in KINS 309
Credits required prior to program admission:	Completion of 30 credits or more
Minimum GPA:	2.75 resident, major, and total GPA
Special grade/course requirement:	Completion of KINS 304, KINS 308, and KINS 309
Other requirements:	Submission of application, resumé, and cover letter
Enrollment limitations:	Maximum of 30 students admitted per semester
Admission to internship:	Completion of KINS 309, KINS 355, and KINS 358; maintenance of current American Red Cross First Aid and CPR certification or equivalent; completion of background information disclosure check prior to the start of internship; and submission of internship position description.

Retention

Once admitted into the Human Performance program, the student must meet the following criteria to remain in the program:

1. Maintain a 3.00 GPA in all Kinesiology major courses.
2. Continue to display appropriate dispositions regarding professional development, as outlined in the Policy for Disposition Intervention, Department of Kinesiology, Human Performance Emphasis.
3. Satisfactorily complete all course, lab, and practicum experiences within the Human Performance Emphasis core with a C+ or above. **Human Performance core courses with a grade lower than C+ must be repeated.**
4. **Students must maintain a 2.75 or higher total GPA to remain in the Human Performance emphasis.**

Transfer Students

Transfer students must meet all application requirements prior to application to the program. KINS 309 must be taken on campus. Transfer students who are interested in the Human Performance Emphasis should inform the Admissions Office upon application for admission to the University and contact the Human Performance program director.

Major Requirements

Core Requirements for All Kinesiology Majors (Except Athletic Training—Code 995-060)

Core Requirement		
KINS 294	Anatomical Kinesiology	3
KINS 304	Biomechanical Kinesiology	3
KINS 308	Exercise Physiology	3
KINS 426	Motor Development Across the Lifespan	3
Total Credits		12

Human Performance Emphasis

Sixty semester credits including the Core:

KINS 309	Introduction to Exercise Science	3
KINS 355	Exercise Science Lab Assessment	3
KINS 357	Essentials of Strength and Conditioning	3
KINS 358	Health Fitness Instruction	3

KINS 440	Human Performance Seminar	3
KINS 464	Programming in Gerontology and Special Populations	3
KINS 466	Community Fitness Programming	3
KINS 474	Research Methods in Kinesiology ((Meets LE - S3 and I1))	4
KINS 498	Human Performance Internship	6
Health Promotion option		
KINS 262	Personal Health in a Global Society	3
KINS 275	Prevention and Care of Athletic/Exercise Injuries	2
KINS 277	Prevention and Care of Athletic Injuries Lab	1
NRSRG 220	The Language of Health Care	1
NRSRG 375	Pharmacotherapeutics and Pathophysiology for Allied Health Professionals	3
Nine credits of electives from:		9
ENPH 450	Epidemiology	
KINS 200	Orientation to Kinesiology	
KINS 312	Psychology of Sport and Physical Activity	
KINS 330	Therapeutic Exercise in Athletic Training	
KINS 445	Basic Electrocardiography	
KINS 450	Applied Nutrition in Kinesiology	
NRSRG 333	Wellness in the Work World	
NRSRG 389	Cross Cultural Health	
NRSRG/SW 360	Death and Bereavement	
PHIL 306	Ethics of Health Care	
PSYC 230	Human Development	
PSYC 333	Psychology of Adulthood and Aging	
PSYC 353	Health Psychology	
PSYC 380	Introduction to Behavior Modification	
SOC 364	Social Gerontology	
SW 315	Aging and the Aged	

Required LE courses not counted toward major:

K1 (Natural Sciences)		
BIOL 151	Biology of Humans	4
PHYS 100	Physical Science	4
or PHYS 211	General Physics	
S2 (Mathematics)		
MATH 246	Elementary Statistics	4

Note: BIOL 196 is required for this emphasis to gain necessary knowledge for success in upper-division courses.

Note: The Service-Learning graduation requirement is met by the completion of required course work within this major.

Kinesiology, Human Performance Emphasis, Pre-Professional Option, Comprehensive Major

(Code 991-069)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total		2.00 average
Resident		2.00 average
Major		2.00 average
Minor		2.00 average
Certificate		2.00 average
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate		25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		
Apply for graduation on CampS.		

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.	
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal	
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)	
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)	
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal	
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)	
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal	
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal	
Service-Learning (p. 49)	30 hours

College Degree Requirements

Human Sciences Departments

Specific Degree Requirements

Specific requirements for some human science degrees are published in conjunction with the Catalog description of the major leading to the degree, with specific courses required in several Liberal Education outcomes.

Bachelor of Science Degree in the College of Education and Human Sciences

Candidates for the degree of Bachelor of Science from a human sciences department must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements. (see University Graduation Requirements (p. 46))

General Information

Placement Tests. The mathematics/foreign language placement tests are given during the orientation periods for new freshmen and transfers. Further information about the foreign language or the mathematics tests is available from the chair of the appropriate department.

Laboratory Science Courses. The following have been designated as fulfilling the requirements for laboratory science courses in the human sciences departments:

Code	Title	Credits
BIOL 151	Biology of Humans	4
BIOL 195	Plants and Society	4
BIOL 214	Human Anatomy and Physiology I	4
BIOL 320	Studies in Tropical Environments	3
BIOL 356	Wisconsin Wildlife	4
CHEM 100	Chemistry: Issues and Answers	3
CHEM 103	General Chemistry I	4
CHEM 104	General Chemistry II	4
CHEM 115	Chemical Principles	6
CHEM 325	Organic Chemistry I with Laboratory	4
GEOG 104	The Physical Environment	4
GEOL 106	Earth Science	4
GEOL 110	Physical Geology	4
GEOL 115	Environmental Geology	4
MSCI 100	Introduction to Materials Science and Nanoscience	4
PHYS 100	Physical Science	4
PHYS 211	General Physics	5
PHYS 212	General Physics	4
PHYS 226	Astronomy-Solar System	4
PHYS 229	Astronomy-Stars and Galaxies	4
PHYS 231	University Physics I	5
PHYS 232	University Physics II	5

Degree Requirements

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements.

Human Sciences Graduation Requirements: Grade Point Averages. All degree candidates must earn minimum resident and total GPAs of 2.00 or higher in both the major and the second program if one is required. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the second program are computed similarly.

Major-Minor and Major-Certificate Requirements. Each candidate for a baccalaureate degree must present one of the following:

- Comprehensive major (at least 59-60 credits)
- Standard major (at least 36 credits) plus one of the following:
 - Another standard major (at least 36 credits), or
 - A minor (at least 24 credits), or
 - A certificate (12-18 credits)

No minor or certificate is required with a Comprehensive Major or with two majors of 36 credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Admission Requirements

Admission to Human Performance Emphasis

The Human Performance Emphasis is intended to prepare students to work in clinical, commercial, corporate, and community health fitness settings. Formal application to the Human Performance Emphasis should be made during the second year (either fall or spring) of attendance while enrolled in KINS 309, Introduction to Human Performance. This will allow students to begin taking courses in their area of option (Sport Performance, Fitness Management, Health Promotion, or Pre-Professional) the next semester and begin the professional phase courses the following semester (e.g., KINS 355 and KINS 358). The number of students admitted to the program each year is limited by available resources. Not everyone who applies can be guaranteed admission (currently up to 30 new students are admitted each semester). Program admission will be stratified based on primary interest in one of the four options (Sport Performance, Fitness Management, Health Promotion, or Pre-Professional), with up to five candidates being admitted in each area. Additional candidates will then be admitted based on merit regardless of specialization area.

The Human Performance Program Committee will screen students for admission to the program. At the time of application, students must:

1. Submit a completed program application form and intended plan of study.
2. Be enrolled in or completed KINS 304, KINS 308, and KINS 309.
3. Submit a cover letter and resumé highlighting qualifications related to human performance.

Student admission will be based on the following criteria:

1. Total GPAs—40%
2. Overall performance in Kins 304, 308, and 309—36%
3. Evaluation of student cover letter, resumé, and application self reflective essays—24%

Students who are not accepted in the Human Performance program may apply again the following semester. Those students who choose to re-apply are reminded that the program is a two-year course of study once accepted and that reapplying could delay their graduation up to one year.

Admission requirements:	Kinesiology: Human Performance Emphasis
Application deadline:	Fall, spring semester while enrolled in KINS 309
Credits required prior to program admission:	Completion of 30 credits or more
Minimum GPA:	2.75 resident, major, and total GPA
Special grade/course requirement:	Completion of KINS 304, KINS 308, and KINS 309
Other requirements:	Submission of application, resumé, and cover letter
Enrollment limitations:	Maximum of 30 students admitted per semester
Admission to internship:	Completion of KINS 309, KINS 355, and KINS 358; maintenance of current American Red Cross First Aid and CPR certification or equivalent; completion of background information disclosure check prior to the start of internship; and submission of internship position description.

Retention

Once admitted into the Human Performance program, the student must meet the following criteria to remain in the program:

1. Maintain a 3.00 GPA in all Kinesiology major courses.
2. Continue to display appropriate dispositions regarding professional development, as outlined in the Policy for Disposition Intervention, Department of Kinesiology, Human Performance Emphasis.
3. Satisfactorily complete all course, lab, and practicum experiences within the Human Performance Emphasis core with a C+ or above. **Human Performance core courses with a grade lower than C+ must be repeated.**
4. **Students must maintain a 2.75 or higher total GPA to remain in the Human Performance emphasis.**

Transfer Students

Transfer students must meet all application requirements prior to application to the program. KINS 309 must be taken on campus. Transfer students who are interested in the Human Performance Emphasis should inform the Admissions Office upon application for admission to the University and contact the Human Performance program director.

Major Requirements

Core Requirements for All Kinesiology Majors (Except Athletic Training—Code 995-060)

Core Requirement		
KINS 294	Anatomical Kinesiology	3
KINS 304	Biomechanical Kinesiology	3
KINS 308	Exercise Physiology	3
KINS 426	Motor Development Across the Lifespan	3
Total Credits		12

Human Performance Emphasis

Sixty semester credits including the Core:

KINS 309	Introduction to Exercise Science	3
KINS 355	Exercise Science Lab Assessment	3
KINS 357	Essentials of Strength and Conditioning	3
KINS 358	Health Fitness Instruction	3
KINS 440	Human Performance Seminar	3
KINS 464	Programming in Gerontology and Special Populations	3
KINS 466	Community Fitness Programming	3
KINS 474	Research Methods in Kinesiology (Meets LE - S3 and I1)	4
KINS 498	Human Performance Internship	6

Pre-Professional option

BIOL 314	Human Anatomy and Physiology II ¹	4
CHEM 103	General Chemistry I	4

Select one of the following:

CHEM 104	General Chemistry II	
CHEM 150	Survey of Biochemistry	
CHEM 325	Organic Chemistry I with Laboratory	

Five to seven credits from electives from:

CHEM 326	Organic Chemistry II with Laboratory	
CHEM 352	Fundamentals of Biochemistry	
KINS 200	Orientation to Kinesiology	

KINS 275	Prevention and Care of Athletic/Exercise Injuries
KINS 277	Prevention and Care of Athletic Injuries Lab
KINS 310	Therapeutic Modalities in Athletic Training
KINS 330	Therapeutic Exercise in Athletic Training
KINS 375	Evaluation Techniques-Lower Body
KINS 376	Evaluation Techniques-Upper Body
KINS 420	Medical Aspects of Athletic Training
KINS 445	Basic Electrocardiography
MATH 111	A Short Course in Calculus
MATH 112	Precalculus Mathematics
MATH 114	Calculus I
NRS 220	The Language of Health Care
NRS 375	Pharmacotherapeutics and Pathophysiology for Allied Health Professionals
PHIL 306	Ethics of Health Care
PHYS 212	General Physics
PSYC 230	Human Development
PSYC 333	Psychology of Adulthood and Aging

Required LE courses not counted toward major:

K1 (Natural Sciences)		
PHYS 100	Physical Science	4
or PHYS 211	General Physics	
S2 (Mathematics)		
MATH 246	Elementary Statistics	4

¹ BIOL 214 is prerequisite for BIOL 314 and is required for the Pre-Professional Option.

Note: BIOL 196 is required with this emphasis to gain necessary knowledge for success in upper-division courses.

Note: The Service-Learning graduation requirement is met by the completion of required course work within this major.

Kinesiology, Human Performance Emphasis, Sport Performance Option, Comprehensive Major

(Code 991-066)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	

Grade Point Requirements (p. 49) ²

Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50) ³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

Human Sciences Departments

Specific Degree Requirements

Specific requirements for some human science degrees are published in conjunction with the Catalog description of the major leading to the degree, with specific courses required in several Liberal Education outcomes.

Bachelor of Science Degree in the College of Education and Human Sciences

Candidates for the degree of Bachelor of Science from a human sciences department must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements. (see University Graduation Requirements (p. 46))

General Information

Placement Tests. The mathematics/foreign language placement tests are given during the orientation periods for new freshmen and transfers. Further information about the foreign language or the mathematics tests is available from the chair of the appropriate department.

Laboratory Science Courses. The following have been designated as fulfilling the requirements for laboratory science courses in the human sciences departments:

Code	Title	Credits
BIOL 151	Biology of Humans	4
BIOL 195	Plants and Society	4
BIOL 214	Human Anatomy and Physiology I	4
BIOL 320	Studies in Tropical Environments	3
BIOL 356	Wisconsin Wildlife	4
CHEM 100	Chemistry: Issues and Answers	3
CHEM 103	General Chemistry I	4
CHEM 104	General Chemistry II	4
CHEM 115	Chemical Principles	6
CHEM 325	Organic Chemistry I with Laboratory	4
GEOG 104	The Physical Environment	4
GEOL 106	Earth Science	4
GEOL 110	Physical Geology	4

GEOL 115	Environmental Geology	4
MSCI 100	Introduction to Materials Science and Nanoscience	4
PHYS 100	Physical Science	4
PHYS 211	General Physics	5
PHYS 212	General Physics	4
PHYS 226	Astronomy-Solar System	4
PHYS 229	Astronomy-Stars and Galaxies	4
PHYS 231	University Physics I	5
PHYS 232	University Physics II	5

Degree Requirements

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements.

Human Sciences Graduation Requirements: Grade Point Averages. All degree candidates must earn minimum resident and total GPAs of 2.00 or higher in both the major and the second program if one is required. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the second program are computed similarly.

Major-Minor and Major-Certificate Requirements. Each candidate for a baccalaureate degree must present one of the following:

- Comprehensive major (at least 59-60 credits)
- Standard major (at least 36 credits) plus one of the following:
 - Another standard major (at least 36 credits), or
 - A minor (at least 24 credits), or
 - A certificate (12-18 credits)

No minor or certificate is required with a Comprehensive Major or with two majors of 36 credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Admission Requirements

Admission to Human Performance Emphasis

The Human Performance Emphasis is intended to prepare students to work in clinical, commercial, corporate, and community health fitness settings. Formal application to the Human Performance Emphasis should be made during the second year (either fall or spring) of attendance while enrolled in KINS 309, Introduction to Human Performance. This will allow students to begin taking courses in their area of option (Sport Performance, Fitness Management, Health Promotion, or Pre-Professional) the next semester and begin the professional phase courses the following semester (e.g., KINS 355 and KINS 358). The number of students admitted to the program each year is limited by available resources. Not everyone who applies can be guaranteed admission (currently up to 30 new students are admitted each semester). Program admission will be stratified based on primary interest in one of the four options (Sport Performance, Fitness Management, Health Promotion, or Pre-Professional), with up to five candidates being admitted in each area. Additional candidates will then be admitted based on merit regardless of specialization area.

The Human Performance Program Committee will screen students for admission to the program. At the time of application, students must:

1. Submit a completed program application form and intended plan of study.
2. Be enrolled in or completed KINS 304, KINS 308, and KINS 309.
3. Submit a cover letter and resumé highlighting qualifications related to human performance.

Student admission will be based on the following criteria:

1. Total GPAs—40%
2. Overall performance in Kins 304, 308, and 309—36%
3. Evaluation of student cover letter, resumé, and application self reflective essays—24%

Students who are not accepted in the Human Performance program may apply again the following semester. Those students who choose to re-apply are reminded that the program is a two-year course of study once accepted and that reapplying could delay their graduation up to one year.

Admission requirements:	Kinesiology: Human Performance Emphasis
Application deadline:	Fall, spring semester while enrolled in KINS 309
Credits required prior to program admission:	Completion of 30 credits or more
Minimum GPA:	2.75 resident, major, and total GPA
Special grade/course requirement:	Completion of KINS 304, KINS 308, and KINS 309
Other requirements:	Submission of application, resumé, and cover letter
Enrollment limitations:	Maximum of 30 students admitted per semester
Admission to internship:	Completion of KINS 309, KINS 355, and KINS 358; maintenance of current American Red Cross First Aid and CPR certification or equivalent; completion of background information disclosure check prior to the start of internship; and submission of internship position description.

Retention

Once admitted into the Human Performance program, the student must meet the following criteria to remain in the program:

1. Maintain a 3.00 GPA in all Kinesiology major courses.
2. Continue to display appropriate dispositions regarding professional development, as outlined in the Policy for Disposition Intervention, Department of Kinesiology, Human Performance Emphasis.
3. Satisfactorily complete all course, lab, and practicum experiences within the Human Performance Emphasis core with a C+ or above. **Human Performance core courses with a grade lower than C+ must be repeated.**
4. **Students must maintain a 2.75 or higher total GPA to remain in the Human Performance emphasis.**

Transfer Students

Transfer students must meet all application requirements prior to application to the program. KINS 309 must be taken on campus. Transfer students who are interested in the Human Performance Emphasis should inform the Admissions Office upon application for admission to the University and contact the Human Performance program director.

Major Requirements

Core Requirements for All Kinesiology Majors (Except Athletic Training—Code 995-060)

Core Requirement

KINS 294	Anatomical Kinesiology	3
KINS 304	Biomechanical Kinesiology	3
KINS 308	Exercise Physiology	3
KINS 426	Motor Development Across the Lifespan	3

Total Credits **12**

Human Performance Emphasis

Sixty semester credits including the Core:

KINS 309	Introduction to Exercise Science	3
KINS 355	Exercise Science Lab Assessment	3
KINS 357	Essentials of Strength and Conditioning	3
KINS 358	Health Fitness Instruction	3
KINS 440	Human Performance Seminar	3
KINS 464	Programming in Gerontology and Special Populations	3
KINS 466	Community Fitness Programming	3
KINS 474	Research Methods in Kinesiology (Meets LE -S3 and I1)	4
KINS 498	Human Performance Internship	6

Sport Performance option

KINS 262	Personal Health in a Global Society	3
KINS 275	Prevention and Care of Athletic/Exercise Injuries	2
KINS 277	Prevention and Care of Athletic Injuries Lab	1
KINS 292	Management and Coaching Theory	2
KINS 312	Psychology of Sport and Physical Activity	3

Eight credits of electives from:

BCOM 206	Business Writing
BCOM 207	Business Presentations
KINS 200	Orientation to Kinesiology
KINS 274	First Aid and Community CPR
KINS 313	Sociology of Sport and Physical Activity
KINS 330	Therapeutic Exercise in Athletic Training
KINS 348	Exercise Science Apprenticeship
KINS 420	Medical Aspects of Athletic Training
KINS 450	Applied Nutrition in Kinesiology
PSYC 230	Human Development
PSYC 380	Introduction to Behavior Modification

Required LE courses not counted toward major:

K1 (Natural Sciences)

BIOL 151	Biology of Humans ¹
or BIOL 214	Human Anatomy and Physiology I
PHYS 100	Physical Science
or PHYS 211	General Physics

S2 (Mathematics)

MATH 246	Elementary Statistics
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Note: BIOL 196 is required in this emphasis to gain necessary knowledge for success in upper-division courses.

Note: The Service-Learning graduation requirement is met by the completion of required course work within this major.

Kinesiology, Minor

Liberal Arts (Code 991-457)

Twenty-four semester credits, including:

Core Requirement		
KINS 294	Anatomical Kinesiology	3
KINS 304	Biomechanical Kinesiology	3
KINS 308	Exercise Physiology	3
KINS 426	Motor Development Across the Lifespan	3
Required Courses		
KINS 312	Psychology of Sport and Physical Activity	3
KINS 313	Sociology of Sport and Physical Activity	3
KINS 357	Essentials of Strength and Conditioning	3
KINS 476	Senior Seminar	3
Total Credits		24

Kinesiology, Movement Studies Emphasis, Major

(Code 991-261)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits
Procedures Required for Graduation		
Obtain admission to the degree program and/or the College offering it.		
Apply for graduation on CampS.		

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
		a minimum of 36 credits
Knowledge Goal		
	Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences
	One experience in laboratory science must be selected from either K1 or K2.	
	Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences
	Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience
Skills Goal		
	Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences
	One S1 must meet the University Writing Requirement (p. 49)	
	Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience
	One S2 to meet the University Mathematics Requirement (p. 49)	
	Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences
Responsibility Goal		
	Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences
	One R1 must satisfy Design for Diversity (p. 49)	
	Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences
	Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences
Integration Goal		
	Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences
Service-Learning Goal		
	Service-Learning (p. 49)	30 hours

College Degree Requirements

Human Sciences Departments

Specific Degree Requirements

Specific requirements for some human science degrees are published in conjunction with the Catalog description of the major leading to the degree, with specific courses required in several Liberal Education outcomes.

Bachelor of Science Degree in the College of Education and Human Sciences

Candidates for the degree of Bachelor of Science from a human sciences department must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements. (see University Graduation Requirements (p. 46))

General Information

Placement Tests. The mathematics/foreign language placement tests are given during the orientation periods for new freshmen and transfers. Further information about the foreign language or the mathematics tests is available from the chair of the appropriate department.

Laboratory Science Courses. The following have been designated as fulfilling the requirements for laboratory science courses in the human sciences departments:

Code	Title	Credits
BIOL 151	Biology of Humans	4
BIOL 195	Plants and Society	4
BIOL 214	Human Anatomy and Physiology I	4
BIOL 320	Studies in Tropical Environments	3
BIOL 356	Wisconsin Wildlife	4
CHEM 100	Chemistry: Issues and Answers	3
CHEM 103	General Chemistry I	4
CHEM 104	General Chemistry II	4
CHEM 115	Chemical Principles	6
CHEM 325	Organic Chemistry I with Laboratory	4
GEOG 104	The Physical Environment	4
GEOL 106	Earth Science	4
GEOL 110	Physical Geology	4
GEOL 115	Environmental Geology	4
MSCI 100	Introduction to Materials Science and Nanoscience	4
PHYS 100	Physical Science	4
PHYS 211	General Physics	5
PHYS 212	General Physics	4
PHYS 226	Astronomy-Solar System	4
PHYS 229	Astronomy-Stars and Galaxies	4
PHYS 231	University Physics I	5
PHYS 232	University Physics II	5

Degree Requirements

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements.

Human Sciences Graduation Requirements: Grade Point Averages. All degree candidates must earn minimum resident and total GPAs of 2.00 or

higher in both the major and the second program if one is required. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the second program are computed similarly.

Major-Minor and Major-Certificate Requirements. Each candidate for a baccalaureate degree must present one of the following:

- Comprehensive major (at least 59-60 credits)
- Standard major (at least 36 credits) plus one of the following:
 - Another standard major (at least 36 credits), or
 - A minor (at least 24 credits), or
 - A certificate (12-18 credits)

No minor or certificate is required with a Comprehensive Major or with two majors of 36 credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Admission Requirements

Admission to Movement Studies Emphasis

Upon completing 30 credits and earning a minimum total GPA of 2.50, students may declare the Movement Studies emphasis through a Kinesiology adviser. To remain in and graduate from this program, students must maintain a 2.50 total GPA. Students falling below the total GPA of 2.50 will be dropped from the program and will need to meet with the program director for readmission.

Major Requirements

Core Requirements for All Kinesiology Majors (Except Athletic Training—Code 995-060)

Core Requirement

KINS 294	Anatomical Kinesiology	3
KINS 304	Biomechanical Kinesiology	3
KINS 308	Exercise Physiology	3
KINS 426	Motor Development Across the Lifespan	3

Total Credits **12**

Kinesiology, Movement Studies Emphasis

Thirty-six semester credits, including the Core:

KINS 312	Psychology of Sport and Physical Activity	3
KINS 313	Sociology of Sport and Physical Activity	3
KINS 357	Essentials of Strength and Conditioning	3
KINS 476	Senior Seminar	3

Twelve credits from the following: **12**

BIOL 196	Human Nutrition	
DNCE 101	Dance Appreciation	
KINS 200	Orientation to Kinesiology	
KINS 262	Personal Health in a Global Society	
KINS 275	Prevention and Care of Athletic/Exercise Injuries	
KINS 277	Prevention and Care of Athletic Injuries Lab	
KINS 292	Management and Coaching Theory	
KINS 450	Applied Nutrition in Kinesiology	

NRS 375 Pharmacotherapeutics and Pathophysiology for Allied Health Professionals

Required LE courses not counted toward the major

BIOL 151	Biology of Humans
MATH 104 or higher	
PHYS 100	Physical Science
or PHYS 211	General Physics

Note: The movement studies emphasis does require a minor.

Note: The Service-Learning graduation requirement is **not** met by the completion of required course work within this emphasis.

Kinesiology, Physical Education Teaching Emphasis, Comprehensive Major

Teaching (Code 991-065)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
Minimum total for graduation ¹		120
Upper division credits (courses numbered 300 and higher)		39
Liberal Education Core (p. 46)		36
Academic Concentrations (p. 50)		
Grade Point Requirements (p. 49) ²		
Total	2.00 average	
Resident	2.00 average	
Major	2.00 average	
Minor	2.00 average	
Certificate	2.00 average	
University Residency Requirements (p. 50) ³		
Minimum total		30
Senior year		23
Major, Standard, upper division in residence		12
Major, Comprehensive, upper division in residence		21
Certificate	25 percent of credits	

Procedures Required for Graduation

- Obtain admission to the degree program and/or the College offering it.
- Apply for graduation on Camp5.

¹ Certain programs exceed this minimum.
² See special requirements in each College.
³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>) Two (2) learning experiences
 One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences
 One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences
 One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience
 One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences
 One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

University Requirements in Teacher Education in the College of Education and Human Sciences

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. Liberal Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Abbreviation	Full Title
Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor (for certification only)	2.75 average

3. Residency requirements:

Abbreviation	Full Title
Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits

4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Early Adolescence Through Adolescence and Early Childhood through Adolescence

(formerly Secondary Education and Special Subjects)

Liberal Education Requirements are listed in the table below

Code	Title	Credits
K1 (Natural Sciences)		
At least one Biology course		
AND at least one of Chemistry, Physics, Geography, or Geology course (one science lab required)		
K2 (Social Sciences)		
PSYC 260	Educational Psychology	3
AND another learning experience		
K3 (Humanities)		
One literature course AND another learning experience		
K4 (Fine Arts)		
One fine arts course		
S1 (Written and Oral Communication)		
At least one writing course from the following:		
WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing	
WRIT 116	Blugold Seminar in Critical Reading and Writing	
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing	

WRIT 120 Blugold Seminar in Critical Reading and Writing for Transfer Students

AND at least one oral communication course from the following:

CJ 201	Introduction to Interpersonal Communication
CJ 202	Fundamentals of Speech
CJ 203	Fundamentals of Human Communication

S2 (Mathematics)

LE approved math course

S3 (Creativity)

ES 497 Field Experience Seminar (included in major) 2

R1 (Equity, Diversity, Inclusivity)

ES 385 Social Foundations: Human Relations (included in major) 3

AND another learning experience

R2 (Global Perspectives)

One LE approved course

R3 (Civic and Environmental Issues)

One LE approved course

IL (Integration)

ES 497 Field Experience Seminar (included in major) 2

AND another learning experience

NOTE: Course in Western History or Western Culture and course in Non-Western History or Non-Western Contemporary Culture is required.

Teacher Licensure Requirements - EC/A Licensure Program Options B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete:

1. a comprehensive major (at least 60 credits) or a standard major (at least 36 credits) plus one of the following: another standard major (at least 36 credits), or a minor (at least 24 credits), or a certificate (12-18 credits). Students choosing another major or minor may choose from the approved majors and minors listed in the table below. The approved majors and minors lead to additional certification.
2. a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department.

Upon admission to program, candidates are assigned an adviser in education as well.

Option C: EC-A

Early Childhood through Adolescence Licensure

Code	Title	Credits
Professional Sequence		
ES 212	Initial Teaching Experience in Elementary, Middle, and High School Settings	2
ES 312	General Methods of Teaching	2
ES 317	Middle Level Methods and Curriculum	2

ES 318	Teacher Assisting	1
ES 328	Content Area Reading and Study Strategies	2
ES 385	Social Foundations: Human Relations	3
ES 490	Historical, Legal, and Philosophical Foundations of Education	3
ES 497	Field Experience Seminar	2
SPED 300	Inclusive Practices for Secondary Educators	2

Prescribed special methods course(s) (see approved majors and minors below)

Student Teaching Courses from list below:		14
ES 441	Student Teaching in Elementary Education	7
AND		
ES 445	Student Teaching in Middle Level Education	7
or ES 470	Student Teaching in Secondary Education	
or		
ES 440	Internship Teaching in Elementary Education	7-14
or		
ES 446	Internship Teaching in Middle Level Education	7-14
or		
ES 475	Internship Teaching in Secondary Education	7-14

NOTE 1: SPED 300 (not required of Kinesiology or Music majors).

NOTE 2: ES 441 is not required for Foreign Language majors and minors in the student teaching semester as an earlier elementary level field placement (required by DPI) occurs in ES 437.

NOTE 3: Music Education majors take MUED 318 instead of ES 318 and MUED 487 or MUED 488 instead of ES 441 and one of ES 445 or ES 470, or ES 440, or ES 446, or ES 475.

Approved Majors and Minors for Option C

Comprehensiv Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II or ACTFL Content Test Required
Art	020-072	ART 304 (Sp), ES 350 (F), ES 354 (Sp)		ETS 0134
Latin American Studies	340-003	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIC

Majors	Code	Prescribed Methods Course	Additional Requirement	Praxis II ACTFL Content Test Required
Music, Instrumental/ General	060-057	MUED 211, MUED 300, MUED 310, MUED 318, MUED 411, MUED 421		ETS 0113

Music, Choral/ General	060-058	MUED 211, MUED 300, MUED 310, MUED 318, MUED 410, MUED 420		ETS 0113
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Kinesiology	991-065	KINS 290		ETS 0091
French	260-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIC
German	280-204	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIC
Spanish	320-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIC
Theatre Arts	601-204	ES 361 (F)		ETS 0641

Minors	Code	Prescribed Methods Course	Additional Requirement	Praxis II ACTFL Content TEst Required
Adaptive Physical Education	991-459		Only with KINS major	No addt'l exam
French	260-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIC
German	280-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIC
Spanish	320-407	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIC
TESOL	550-410	ES 405 (F)	Only with F Lg major	ETS 0361

NOTE: Students completing an EC-A comprehensive major or standard major may complete an additional major or minor with licensure at the EA-A level from the list under Option B above.

Admission Requirements

Admission to Professional Education Programs (p. 474)

Admission to the College of Education and Human Sciences Teacher Educational Program

See additional requirements for admission to EA-A (p. 477) and EC-A (p. 478) programs as well as additional requirements for licensure. The Physical Education Teaching Program Committee will screen students for admission to the program and make recommendations to the EA-A/EC-A Admissions Committee based on:

1. A completed resumé outlining
 - a. experiences with children and adolescents.
 - b. involvement in professional organizations.
2. A formal interview.
3. A completed course of study form.
4. Performance evaluations from Kins courses.
5. Resident and total GPA of 2.75 or higher.

Resources available limit the number of students admitted to the program. Not everyone who applies can be guaranteed admission.

Major Requirements

Core Requirements for All Kinesiology Majors (Except Athletic Training—Code 995-060)

Core Requirement

KINS 294	Anatomical Kinesiology	3
KINS 304	Biomechanical Kinesiology	3
KINS 308	Exercise Physiology	3
KINS 426	Motor Development Across the Lifespan	3
Total Credits		12

Kinesiology, Physical Education Teaching Emphasis

Sixty semester credits including the Core:

PE Module

KINS 290	Introduction to Physical Education	3
KINS 300	Planning, Implementation, and Assessment: Invasion Games	2
KINS 301	Planning, Implementation, and Assessment: Adventure Activities	2
KINS 302	Planning, Implementation, and Assessment: Rhythms and Dance	2
KINS 303	Planning, Implementation, and Assessment: Fitness Concepts	3
KINS 305	Planning, Implementation, and Assessment: Net Games	2
KINS 327	Movement Education for Elementary Grades	2
KINS 474	Research Methods in Kinesiology	4
KINS 496	Capstone-Teaching Physical Education	1
PSYC 260	Educational Psychology	3

Adaptive PE Module

Required Courses:

KINS 484	Adapted Physical Education	3
KINS 487	Assessment in Adapted Physical Education	3
KINS 493	Practicum in Adapted Physical Education	3

Elective Courses, choose one of the following:

SPED 200	Introduction to Diverse Learners	3
SPED 210	Introduction to Cognitive Disabilities	3
UEC 220	Introduction to Inclusive Early Childhood Education ¹	3
SPED 306	Behavior Management	3

Health Module

KINS 294	Anatomical Kinesiology	3
KINS 308	Exercise Physiology	3
KINS 335	Introduction to School Health Education and Current Health Issues	3
KINS 336	Strategies and Assessment in School Health Education	3
KINS 337	Health Education Curriculum Design	3
KINS 450	Applied Nutrition in Kinesiology	3
or BIOL 196	Human Nutrition	3

BIOL 130	Human Sexual Biology	3
BIOL 151	Biology of Humans	4

¹ SPED 220 is the equivalent to UEC 220

Required LE courses not counted toward major:

K1 (Natural Sciences)

PHYS 100	Physical Science	4
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S2 (Mathematics)

MATH 246	Elementary Statistics	4
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This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option C and leads to licensure to teach Physical Education, Adaptive Physical Education and Health Education in Early Childhood through Adolescence classrooms. Additionally, students must pass the appropriate PRAXIS II content exams.

Kinesiology, Sport Pedagogy Emphasis, Comprehensive Major

(Code 991-052)

University Requirements

Code	Title	Credits
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GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE

Credit Requirements

Minimum total for graduation ¹	120
Upper division credits (courses numbered 300 and higher)	39
Liberal Education Core (p. 46)	36
Academic Concentrations (p. 50)	

Grade Point Requirements (p. 49)²

Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50)³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on Camp5.

¹ Certain programs exceed this minimum.

² See special requirements in each College.

³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
a minimum of 36 credits		
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences	
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences	
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences	
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience	
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences	
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience	
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences	
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences	
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences	
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences	
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences	
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

College Degree Requirements

Human Sciences Departments

Specific Degree Requirements

Specific requirements for some human science degrees are published in conjunction with the Catalog description of the major leading to the degree, with specific courses required in several Liberal Education outcomes.

Bachelor of Science Degree in the College of Education and Human Sciences

Candidates for the degree of Bachelor of Science from a human sciences department must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements. (see University Graduation Requirements (p. 46))

General Information

Placement Tests. The mathematics/foreign language placement tests are given during the orientation periods for new freshmen and transfers. Further information about the foreign language or the mathematics tests is available from the chair of the appropriate department.

Laboratory Science Courses. The following have been designated as fulfilling the requirements for laboratory science courses in the human sciences departments:

Code	Title	Credits
BIOL 151	Biology of Humans	4
BIOL 195	Plants and Society	4
BIOL 214	Human Anatomy and Physiology I	4
BIOL 320	Studies in Tropical Environments	3
BIOL 356	Wisconsin Wildlife	4
CHEM 100	Chemistry: Issues and Answers	3
CHEM 103	General Chemistry I	4
CHEM 104	General Chemistry II	4
CHEM 115	Chemical Principles	6
CHEM 325	Organic Chemistry I with Laboratory	4
GEOG 104	The Physical Environment	4
GEOL 106	Earth Science	4
GEOL 110	Physical Geology	4
GEOL 115	Environmental Geology	4
MSCI 100	Introduction to Materials Science and Nanoscience	4
PHYS 100	Physical Science	4
PHYS 211	General Physics	5
PHYS 212	General Physics	4
PHYS 226	Astronomy-Solar System	4
PHYS 229	Astronomy-Stars and Galaxies	4
PHYS 231	University Physics I	5
PHYS 232	University Physics II	5

Degree Requirements

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements.

Human Sciences Graduation Requirements: Grade Point Averages. All degree candidates must earn minimum resident and total GPAs of 2.00 or higher in both the major and the second program if one is required. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the second program are computed similarly.

Major-Minor and Major-Certificate Requirements. Each candidate for a baccalaureate degree must present one of the following:

- Comprehensive major (at least 59-60 credits)
- Standard major (at least 36 credits) plus one of the following:
 - Another standard major (at least 36 credits), or
 - A minor (at least 24 credits), or
 - A certificate (12-18 credits)

No minor or certificate is required with a Comprehensive Major or with two majors of 36 credits each.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

Major Requirements

This major WILL NOT lead to licensure in physical education upon graduation.

Admission Requirements

Minimum GPA: at least 2.75 total

Core Requirements for All Kinesiology Majors (Except Athletic Training—Code 995-060)

Core Requirement

KINS 294	Anatomical Kinesiology	3
KINS 304	Biomechanical Kinesiology	3
KINS 308	Exercise Physiology	3
KINS 426	Motor Development Across the Lifespan	3

Total Credits **12**

Kinesiology, Sport Pedagogy Emphasis

Sixty semester credits, including the Core:

Emphasis Module

KINS 290	Introduction to Physical Education	3
KINS 300	Planning, Implementation, and Assessment: Invasion Games	2
KINS 301	Planning, Implementation, and Assessment: Adventure Activities	2
KINS 302	Planning, Implementation, and Assessment: Rhythms and Dance	2
KINS 303	Planning, Implementation, and Assessment: Fitness Concepts	3
KINS 305	Planning, Implementation, and Assessment: Net Games	2
KINS 327	Movement Education for Elementary Grades	2
KINS 476	Senior Seminar	3
KINS 484	Adapted Physical Education	3

Select one of the following: **3**

SPED 200	Introduction to Diverse Learners	
SPED 210	Introduction to Cognitive Disabilities	
UEC 220	Introduction to Inclusive Early Childhood Education ¹	
SPED 306	Behavior Management	

Required:

PSYC 260	Educational Psychology	3
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Elective Module **20**

Choose from the following:

KINS 200	Orientation to Kinesiology	
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KINS 274	First Aid and Community CPR
KINS 275	Prevention and Care of Athletic/Exercise Injuries
KINS 277	Prevention and Care of Athletic Injuries Lab
KINS 292	Management and Coaching Theory
KINS 312	Psychology of Sport and Physical Activity
KINS 313	Sociology of Sport and Physical Activity
KINS 335	Introduction to School Health Education and Current Health Issues
KINS 336	Strategies and Assessment in School Health Education
KINS 337	Health Education Curriculum Design
KINS 487	Assessment in Adapted Physical Education
KINS 493	Practicum in Adapted Physical Education
SPED 330	Introduction to Learning Disabilities
SPED 350	Introduction to Emotional/Behavioral Disabilities

¹ SPED 220 is the equivalent to UEC 220

Required LE courses not counted toward major:

K1 (Natural Sciences)

BIOL 130	Human Sexual Biology
BIOL 151	Biology of Humans
PHYS 100	Physical Science (which is a prerequisite for KINS 304)

S1 (Written and Oral Communication)

At least one writing course from the following:

WRIT 114	Intensive Blugold Seminar in Critical Reading and Writing
WRIT 116	Blugold Seminar in Critical Reading and Writing
WRIT 118	Accelerated Blugold Seminar in Critical Reading and Writing
WRIT 120	Blugold Seminar in Critical Reading and Writing for Transfer Students

AND at least one oral communication course from the following:

CJ 201	Introduction to Interpersonal Communication
CJ 202	Fundamentals of Speech
CJ 203	Fundamentals of Human Communication

NOTE: The College of Education and Human Sciences LE requirements should be met if the student desires to pursue licensure in the future. In order to be eligible for future licensure, a student must achieve a 2.75 or higher total GPA upon graduation. Students must maintain a 2.75 or higher total GPA to remain in the Sport Pedagogy emphasis. Students will need to pursue additional course work and program requirements to receive licensure and should meet with their adviser to discuss career options. Students wanting to graduate with licensure in teaching should pursue the Physical Education Teaching emphasis. The Service-Learning requirement is met by completion of required coursework in this emphasis.

Science of Coaching, Minor - Liberal Arts

Liberal Arts (Code 971-452)

Twenty-four semester credits, including:

KINS 275	Prevention and Care of Athletic/Exercise Injuries	2
KINS 277	Prevention and Care of Athletic Injuries Lab	1
KINS 292	Management and Coaching Theory	2
KINS 294	Anatomical Kinesiology	3
KINS 304	Biomechanical Kinesiology	3
KINS 308	Exercise Physiology	3
KINS 492	Coaching Practicum and Seminar	4
Six credits from the following:		6
KINS 312	Psychology of Sport and Physical Activity	
KINS 313	Sociology of Sport and Physical Activity	
KINS 357	Essentials of Strength and Conditioning	

Total Credits **24**

Science of Coaching, Minor - Teaching

Teaching (Code 971-403)

Twenty-four semester credits, including:

KINS 275	Prevention and Care of Athletic/Exercise Injuries	2
KINS 277	Prevention and Care of Athletic Injuries Lab	1
KINS 292	Management and Coaching Theory	2
KINS 294	Anatomical Kinesiology	3
KINS 304	Biomechanical Kinesiology	3
KINS 308	Exercise Physiology	3
KINS 492	Coaching Practicum and Seminar	4
Six credits from the following:		6
KINS 312	Psychology of Sport and Physical Activity	
KINS 313	Sociology of Sport and Physical Activity	
KINS 357	Essentials of Strength and Conditioning	

Total Credits **24**

This minor leads to Early Childhood through Adolescence coaching licensure.

Social Work

Human Sciences and Services 253

715-836-4435

www.uwec.edu/sw (<http://www.uwec.edu/sw>)

The mission of the baccalaureate social work program at the University of Wisconsin-Eau Claire is to prepare students to engage in ethical, competent, evidence-informed generalist practice. Graduates will be committed to diversity, social and economic justice, the promotion of community well-being, and the interdependence of local and global issues. The goals of the Social Work Program are:

1. to prepare entry-level generalist social workers grounded in liberal arts educations and the person in the environment construct;
2. to prepare entry-level generalist social workers for practice in a multicultural society within the context of professional values and ethics in public and private social service agencies, especially in those services which meet the needs of diverse individuals, families, groups, organizations and communities;
3. to prepare students to integrate research-informed practice and practice-informed research and to think critically and apply ethical principles in practice;
4. to prepare students for and instill in them a commitment to lifelong learning and the recognition, support and advancement of the profession; and
5. to prepare students for practice with diverse populations and for effective participation in community affairs in a global society through the promotion of social and economic justice.

The bachelor's degree in social work (B.S.W.) is accredited by the Council on Social Work Education. Graduates of the program are eligible for examination for certification or licensure at the baccalaureate level. Graduates receive advanced standing in many Master of Social Work (MSW) programs.

Honor Societies and Student Organizations

As members of the university community, social work students have an opportunity to participate in many student organizations, including the Association of Student Social Workers (ASSW). In addition to providing important chances for identification and socialization with the profession of social work, ASSW selects student representatives to participate actively in faculty committees. Other professional organizations open to students are the Council on Social Work Education, the National Association of Social Workers, and the Wisconsin Social Service Association. The Eta Upsilon Chapter of Phi Alpha, a National Social Work Honor Society, offers recognition for scholarship to eligible upper-class members who maintain total GPAs of 3.00 or higher on a 4.00 scale and have achieved a 3.25 or higher average in required Social Work classes. Visit the department office for further information.

Caregiver Law

All individuals involved in experiential education courses for credit in the Social Work Department must complete the background check process and are responsible for the associated processing fees. Students must complete these forms at registration or the beginning of the course or show evidence of a recently completed (within one year) criminal history report. This applies to the following courses: SW 315, SW 395 (Building Bridges section), and SW 481.

Students are also advised that past or future serious crimes that are substantially related to the duties of the position may limit or inhibit the student from securing service-learning opportunities, or internship placements,

or both. In addition, the student may become ineligible to receive certification or licensure as a social worker.

Admission to Social Work Program

The Social Work Program operates under a selective admissions policy. The policy is based on the need to maintain a program of excellence in the classroom and to assure availability of quality internship placements. The Department of Social Work reserves the right to admit a limited number of students each semester. Meeting the minimum standards does not guarantee a student will be admitted to the major.

Social Work is a professional discipline on the baccalaureate level, and, thus, admissions and retention processes are implemented and strictly followed. Students are evaluated on a regular basis. Students interested in earning a Bachelor of Social Work Degree must first be admitted to the Social Work major. Enrollment in selected upper division social work courses is restricted to students who have been formally admitted to the major. This formal application to the major is the first step in meeting requirements for graduation with a B.S.W. degree. A second review of continued eligibility occurs with application for admission to internship (SW 481). Students with any concerns regarding eligibility are urged to consult their academic adviser. Students will be asked to sign a statement that they have read and agreed to abide by the National Association of Social Workers' *Code of Ethics*. Students may appeal a denial of admission to the major or internship by following procedures outlined in the Social Work Student Handbook or the Social Work Internship Manual, as applicable.

Application Process and Procedures

- Students seeking admission are required to complete an application form available from the department office. At the point of admission:
 - Students must have accumulated 60 credits
 - The university service learning requirement must have been completed.
 - A minimum GPA of 2.5 is required in the following courses: IDIS 100 or SW 100, SW 220, SW 290, and PSYC 100. Each course must be completed with a grade of C or above.
 - A minimum total GPA of 2.5 is required, which includes courses transferred from other colleges and universities
 - Demonstrated acceptable skill in writing and speaking.
 - Students will show knowledge of social work and a commitment to social work values as demonstrated by the submission of a single-spaced essay up to two pages that addresses how your values and experiences have informed your decision to select social work as a major.
- Students must be in good academic standing in the semester in which they apply.
- Any student who withdraws from the social work major at UW-Eau Claire or who does not take classes at UW-Eau Claire for two or more sequential semesters must reapply for admission into the program.
- Students may repeat a grade below C in IDIS 100 or SW 100 and/or SW 220 and/or SW 290 according to University guidelines. Repeat of course(s) must be completed (not current) for any such courses before application for admission will be processed.
- Students will apply for admission to the social work program while they are in SW 335, except under special circumstances as approved by the admissions committee chair.

Admission to Social Work Internship

Criteria for admission into Internship: The Social Work Field Director will determine eligibility for internships on the basis of the following criteria. A student must have

- completed IDIS 100 or SW 100; SW 220, SW 290, SW 320, SW 323, SW 335, SW 383, SW 405, and SW 471 with a grade of C or above. This includes courses that are transferred in as equivalent to any of these courses;
- earned a minimum GPA of 2.50 in IDIS 100 or SW 100 and all courses with an SW prefix;
- earned a total GPA of 2.50;
- completed a criminal background application within one year of the planned internship;
- participated in the Internship Orientation Sessions prior to registration;
- been accepted by an agency approved for field instruction by the Department of Social Work;

Graduation Requirements

To graduate with the Bachelor of Social Work (B.S.W.) degree, students must have

- a GPA of 2.50 in IDIS 100 or SW 100 and in all courses with the SW prefix;
- achieved completion of IDIS 100 or SW 100 and all required SW courses, including transfer courses, with a grade of C or above;
- demonstrated competencies suitable for the profession; and
- completed all program requirements.

Departmental Honors Programs

Eligibility: Acceptance into the program is limited to upper-class majors with resident and total GPAs of 3.50 or higher, an average of 3.50 or higher in Social Work courses, and the consent of the department.

Requirements: Completion of at least six credits in a Seminar and/or Independent Study; completion of an honors examination demonstrating superior performance in Social Work research, Social Work methodology, and an area of the student's choice; and graduation with a total GPA of 3.50 or higher and a GPA of 3.50 or higher in Social Work pre-fixed courses.

Faculty

Leah Olson-McBride, Chair

Lisa Quinn-Lee

Jamie Tester

Majors

- Comprehensive Major: Social Work, Liberal Arts - B.S.W. (p. 525)

Certificates

- Certificate: Social Work, Child Welfare (p. 524)
- Certificate: Social Work, Gerontology (p. 527)

Social Work, Child Welfare, Certificate

(Code 460-605)

The Social Work Program offers two certificates, the **Social Work—Child Welfare Certificate** and the **Social Work—Gerontology Certificate**. Both

certificates require 12 credits of course work. These certificates are open to majors within the College of Education and Human Sciences.

Requirements:

The student must complete, at a grade level of C or above, the required Social Work course within the selected certificate program and three other electives from the list of electives for the certificate program (see the following).

Required Courses

SW 385	Child Welfare	3
Electives (Choose nine credits)		
SW 395	Directed Studies	1-3
CRMJ 302	Youth Crime and Juvenile Justice	3
HIST 370	History of the Family in America	3
PSYC 331	Child Psychology	3
PSYC 332	Psychology of Adolescence	3
PSYC 334	Psychology of the Exceptional Child	3
SOC 316	Sociology of Family	3
SPED 200	Introduction to Diverse Learners	3
SPED 465	Child Abuse and Neglect: Educational Implications	3

Other courses as approved by the student’s adviser and department chair. All certificate courses must be completed with a C (or S) or better.

Social Work, Comprehensive Major

Liberal Arts (Code 460-051)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits

Knowledge Goal

Knowledge Outcome 1 (K1): Natural Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k1>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 2 (K2): Social Sciences (<http://catalog.uwec.edu/undergraduate/attribute-k2>) Two (2) learning experiences

One experience in laboratory science must be selected from either K1 or K2.

Knowledge Outcome 3 (K3): Humanities (<http://catalog.uwec.edu/undergraduate/attribute-k3>) Two (2) learning experiences

Knowledge Outcome 4 (K4): Fine Arts (<http://catalog.uwec.edu/undergraduate/attribute-k4>) One (1) learning experience

Skills Goal

Skills Outcome 1 (S1): Written and Oral Communication (<http://catalog.uwec.edu/undergraduate/attribute-S1>) Two (2) learning experiences

One S1 must meet the University Writing Requirement (p. 49)

Skills Outcome 2 (S2): Mathematics (<http://catalog.uwec.edu/undergraduate/attribute-S2>) One (1) learning experience

One S2 to meet the University Mathematics Requirement (p. 49)

Skills Outcome 3 (S3): Creativity (<http://catalog.uwec.edu/undergraduate/attribute-S3>) One (1) learning experiences

Responsibility Goal

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>) Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>) One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>) One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>) Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49) 30 hours

College Degree Requirements

Bachelor of Social Work

Admission Requirement

Admission to Social Work Program (p. 524)

Major Requirements

Core courses in Social Work

Sixty semester credits, including:

SW 100	Introduction to Social Welfare (Meets LE - I1) ¹	3
SW 220	Interpersonal Skills	3
SW 290	Human Rights and Global Justice	3
SW 320	Generalist Social Work Practice with Individuals	3
SW 323	Methods of Social Work Research (Meets LE - S3)	3
SW 335	Human Behavior and the Social Environment	3
SW 383	Social Welfare Policies and Programs	3
SW 405	Ethnic-Sensitive Social Work Practice	3
SW 471	Generalist Social Work Practice with Families/Groups	3
SW 472	Generalist Social Work Practice with Communities/Organizations	3
SW 481	Social Work Internship (Meets LE - I1)	12
or SW 482	Social Work Internship - International	
Select any elective from the following:		3
SW 315	Aging and the Aged	
SW 360	Death and Bereavement	
SW 385	Child Welfare	
SW 424	Alcohol and Other Drug Abuse	
SW 489	Social Work in Mental Health Settings	
SW 491	Special Topics	
PSYC 100	Introduction to Psychology	3
Any Sociology course		3
Any Political Science course		3
Any Economics course		3
One course with K3 designation ²		3

Total Credits 60¹ IDIS is equivalent to SW 100² This is in addition to the university requirement of two K3 learning experiences**Recommended learning experiences to fulfill LE requirements:****K1 (Natural Sciences)**

BIOL 105	General Biology	3
BIOL 130	Human Sexual Biology	3
BIOL 151	Biology of Humans	4

K3 (Humanities)

AIS 101	Introduction to American Indian History and Cultures	3
AIS 240	American Indian History	3
AIS 243	Introduction to Contemporary American Indian Communities	3
ENGL/WMNS 296	Perspectives on Women's Literature	3
HIST 205	American Women's History	3
LANG 160	Ojibwe Culture and History	3
WMNS 100	U.S. Women's Experience: Gender, Race, and Class	3
WMNS 210	Culture of Third Wave Feminism	3
WMNS 215	African-American Feminism in the Humanities	3
WMNS 260	Masculinity Studies and Feminist Theories	3

S1 (Written and Oral Communication)

Spanish is recommended and may be used for S1. Non-foreign language S1 courses such as the following may be substituted if desired.

CJ 201	Introduction to Interpersonal Communication	3
CJ 203	Fundamentals of Human Communication	3

R1 (Equity, Diversity, and Inclusivity)

AIS 101	Introduction to American Indian History and Cultures	3
AIS 240	American Indian History	3
AIS 243	Introduction to Contemporary American Indian Communities	3
ENGL 268	Survey of American Ethnic Literature	3
ENGL 296	Perspectives on Women's Literature	3
HUMS 210	Voices of Color in America	3
PSYC 230	Human Development	3
PSYC 332	Psychology of Adolescence	3
SOC 101	Introduction to Sociology	3
SOC 312	Race and Ethnicity in the U.S.	3
WMNS 100	U.S. Women's Experience: Gender, Race, and Class	3
WMNS 111	Gender, Race, Class, and Communication: The Social Construction of Identity	3
WMNS 205	American Women's History	3
WMNS 206	Perspectives in LGBTQ Studies	3
WMNS 215	African-American Feminism in the Humanities	3
WMNS 260	Masculinity Studies and Feminist Theories	3
WMNS 335	Transnational/Global Feminisms	3

¹ Students who have taken MATH 104 or higher or have met the Math Competency may take PSYC 265 instead of MATH 246.

Other courses may apply. Students should consult an adviser to determine applicability of courses being considered.

NOTE 1: Social Work majors will still be required to complete their Service-Learning Requirement prior to application for admission to the program and

SW 290 has Service-Learning embedded for all students. Some social work positions require fluency in a foreign language, and students are encouraged to consider a minor in Spanish.

Satisfactory/Unsatisfactory Policy. No degree credit may be earned under the Satisfactory/Unsatisfactory option in IDIS 100 or SW 100 or any Social Work Department course numbered 200 or higher which is required for the major.

Students must meet all course prerequisites.

Social Work, Gerontology, Certificate

(Code 460-601)

The Social Work Program offers two certificates, the **Social Work—Child Welfare Certificate** and the **Social Work—Gerontology Certificate**. Both certificates require 12 credits of course work. These certificates are open to majors within the College of Education and Human Sciences.

Requirements:

The student must complete, at a grade level of C or above, the required Social Work course within the selected certificate program and nine additional credits from the list of electives for the certificate program (see the following).

Required Course

SW 315	Aging and the Aged	3
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Electives (Choose nine credits)

BIOL 196	Human Nutrition	
CSD 410	Communication Changes and Disorders of the Older Adult	
SW/NRSG 360	Death and Bereavement	
PSYC 333	Psychology of Adulthood and Aging	
SOC 364	Social Gerontology	

Other electives

ECON 280	Health Economics	
HCAD 222	Multidisciplinary Perspectives on Aging	
IDIS 201	Overview of the U.S. Health Care System: A Policy Perspective	
NRSG 211	Wellness: Food for Fitness	
NRSG 212	Navigating Health Care	
NRSG 213	Body, Mind, Spirit Wellness	
PHIL 306	Ethics of Health Care	
PSYC 230	Human Development	
RELS 315	Psychology of Religion	
SOC 316	Sociology of Family	

College of Nursing and Health Sciences

Linda K. Young, Dean and Educational Administrator (Nursing 103)
Debra Jansen, Associate Dean (Nursing 103/215)

Department:

Nursing (p. 532)

Mission Statement of the College of Nursing and Health Sciences

The College of Nursing and Health Sciences provides undergraduate and graduate programs for Nursing. Building on a foundation of excellence, the college prepares liberally educated individuals for professional practice. Creative educational experiences, scholarship, and service to our communities enhance the personal and professional growth of students and faculty and promote life-long learning. As a college, we value a caring spirit, ethical practice, and advocacy for policies and actions that contribute to the improvement of the human condition.

Accreditation

The nursing programs are approved by the Wisconsin State Board of Nursing. The baccalaureate and master's programs are accredited by the Commission on Collegiate Nursing Education (CCNE), One Dupont Circle, NW, Suite 530, Washington, DC 20036, (202) 887-6791, through December 31, 2021. The Doctor of Nursing Practice (DNP) program is accredited by CCNE through December 31, 2016.

Baccalaureate Program

The nursing programs are oriented toward the belief that a broad liberal education is an essential foundation for the preparation of professionals. Through the biological and social sciences, the humanities, and the nursing science courses, the concepts of humanity, health, environment, and nursing are interwoven in a curriculum that clinically addresses nursing across the lifespan of health-care recipients.

Marshfield Site

In addition to the Eau Claire campus, the nursing program of study is available in Marshfield, Wisconsin in cooperation with Saint Joseph's Hospital. Persons interested in further information about the Marshfield site should contact the College of Nursing and Health Sciences Assistant Dean, Marshfield Site.

Program/Student Learning Outcomes

Students graduating from UW-Eau Claire with the Bachelor of Science in Nursing degree demonstrate accomplishment of the AACN Baccalaureate Essentials* through:

1. Integration of liberal and nursing education, with particular distinction in:
2. leading change in complex health care environments.
3. Organizational and systems leadership for patient safety and quality care, with particular distinction in:
 - developing effective working relationships for quality improvement and optimizing patient care outcomes.
4. Scholarship for evidence-based practice, with particular distinction in:
 - providing leadership in the synthesis and application of evidence with integration into changing standards of care.

5. Information management and application of patient care technology.
6. Understanding of health care policy, finance and regulatory environments, with particular distinction in:
 - advocacy for individuals, families, and communities.
7. Interprofessional communication and collaboration for improving patient health outcomes, with particular distinction in:
 - delivery of evidence-based, patient-centered care;
 - coordination of care across settings and through the health-illness trajectory.
8. Clinical prevention and population health for optimizing health, with particular distinction in:
 - analysis of population health needs, determinants, and resources, and development of action strategies.
9. Professionalism and professional values, with particular distinction in:
 - ethical practice, social responsibility, a commitment to social justice, and global citizenship;
 - delivery of culturally competent care within diverse settings and/or populations.
10. Beginning competence in baccalaureate generalist nursing practice, with particular distinction in:
 - holistic, relationship-based care incorporating therapeutic use of self;
 - integration of nursing concepts, human responses, and safe and competent nursing care;
 - use of nursing process to effect highest quality health outcomes.

**The Essentials of Baccalaureate Education for Professional Nursing Practice, AACN 2008)*

Costs

Nursing is a professional discipline, and students enrolled in the nursing program must anticipate some additional costs that are directly related to the nursing program. These include, for example, uniforms, nursing textbooks, health requirements, background checks, application and course fees, some clinical equipment (e.g., stethoscope, skills laboratory supplies), and transportation associated with clinical experiences. Note that textbook costs can be high, particularly in the early nursing courses; however, many of the books continue to be utilized in subsequent semesters. Additionally, admitted students should have wireless laptop access. Courses at the Marshfield Site are charged fees in addition to the typical undergraduate tuition. Contact the Assistant/Associate Deans for details.

Financial Assistance

Nursing students applying for financial assistance will be considered by the Financial Aid Office on the same basis as other university students. Funding specific to nursing students is also available. Application forms for financial assistance are available from the university Office of Financial Aid. Information regarding scholarships available to students after admission to the nursing program is available on the College of Nursing and Health Sciences (<http://www.uwec.edu/conhs>) website, in the Eau Claire Nursing Learning Resource Center (Room 154), in the Marshfield Site program office, and on the UW-Eau Claire Financial Aid website.

Clinical Experiences

Various health and social agencies and institutions are utilized for student learning experiences. Experiences are provided through facilities such as hospitals, schools, nursing homes, public health agencies, child day-care centers, and other community health agencies. Students are responsible for transportation to and from clinical experiences. Some clinical experiences are in other communities.

Organizations and Activities

Membership in the National Student Nurses' Association and the Wisconsin Student Nurses' Association is achieved through joining the Eau Claire Student Nurses' Association. The organization meets regularly to promote the aims of nursing education and provide students experience with respect to the issues and operations of the professional nursing organizations.

Sigma Theta Tau International is the Nursing Honor Society. Membership is by invitation to juniors, seniors, and graduate students who demonstrate outstanding scholarship and leadership potential.

Study Abroad Program

INTA 329 Study Abroad-Health Care in Costa Rica is a program of special interest to students in nursing and other majors with an interest in health care. Students expecting to take first semester senior nursing courses during a fall term may consider a nursing study abroad opportunity available through the University of Evansville at Harlaxton, England.

Academic Regulations

Students who are enrolled in nursing courses are expected to arrange for make-up of all class and laboratory work missed, regardless of the reason for the absence. If the absence is anticipated, arrangements for make-up should be made prior to the absence. Students who have missed an excessive portion of the course may be advised to withdraw. Please also refer to the College Admission Requirements (p. 530) and the College Graduation Requirements (p. 532) for additional academic regulations.

Incompletes

A grade of "incomplete" is allowed only when illness or other extenuating circumstances beyond the student's control have interfered with completion of the course, and the plan for completion is a clearly viable alternative for meeting the course objectives. Students may not progress to courses that have a prerequisite course in which a mark of "incomplete" has been received. For the traditional undergraduate nursing program, students are not allowed to progress further in the nursing program until the course with the incomplete grade is successfully completed.

Unsatisfactory Grades in Nursing Courses (Grade of less than C)

Any of the following may result in an unsatisfactory grade in a nursing course:

- Clearly unsatisfactory achievement in either the theoretical or the practicum component of a nursing course.
- Failure to meet clinical behavior expectations.
- Failure to submit course assignments or projects.
- Failure to meet make-up requirements in relation to course work missed.
- Failure to appear for the final examination, unless prevented by illness or other emergency from taking the examination at the scheduled time.
- Offenses as defined by the University of Wisconsin Board of Regents in chapter UWS 17 and published on the Dean of Students website.
- Failure to comply with attendance policy as stated in writing by the instructor.

Nursing Student Progression

1. Students must receive a satisfactory clinical evaluation in each of the critical areas on a summative clinical evaluation of a course. These areas are:
 - a. Effective noticing (focused observation, recognizing deviations from expected patterns, and information seeking);
 - b. effective interpreting (prioritizing data and making sense of data);

- c. effective responding (calm, confident manner, clear communication, well-planned intervention/flexibility, and being safe and skillful);
 - d. effective reflecting (evaluation/self-analysis and commitment to improvement);
 - e. respectful and professional behavior;
 - f. professional attire;
 - g. professional values; and
 - h. accountability and responsibility for own professional behavior.
2. If a student demonstrates deficiencies that the instructor determines are clearly unsafe or unprofessional behaviors, the student will be immediately removed from the clinical situation.
 3. Allowing students to do remedial work in a required nursing course is a course faculty decision.
 4. Remedial work not completed before the end of a semester will result in the student receiving an incomplete or a failing grade.
 5. A student may repeat only two required nursing courses. Only one of these repeated courses may be a clinical course. Failure in or withdrawal from a third nursing course, or a second clinical course, will result in dismissal from the program.
 6. When a faculty member has determined that a student has failed a clinical component of a course at any point during the semester, a course grade of F will be assigned and the student cannot withdraw from the course.

Termination from Program

A student may be terminated from the nursing program for any of the following reasons:

- Failure to regain good standing.
- A second instance of probation.
- Failure to demonstrate the potential for consistently safe and responsible nursing practice.
- Likelihood that a student's condition or prior experience will adversely affect the student, other persons, the university, an agency or unit used for clinical practice, or the patients or clients served.

A student who has been notified of termination may appeal for reinstatement. Termination from the program constitutes dismissal from the nursing program only. A student's status within the university is not affected provided the university standards for good standing are met.

Dean's List

At the end of each semester, the College of Nursing and Health Sciences recognizes excellence in scholastic achievement by publishing the Dean's List. To be eligible, a student must:

1. be in good academic standing;
2. have a minimum semester GPA of 3.70;
3. have completed at least 12 credits during the semester, with no incompletes, no courses below the 100 level, no repeats, and no Satisfactory/Unsatisfactory registrations (except in degree credit-bearing courses that are offered only on the S/U grading system in which a grade of S has been earned).

Students who meet this standard of achievement receive personal letters of notification and congratulations from the dean.

Credit by Examination Policy

Selected undergraduate nursing courses are available to eligible students for credit by examination. Credit for a maximum of two clinical nursing courses may be earned by examination. No more than 20 credits in nursing

may be earned through credit by examination. Prerequisite courses must be completed prior to pursuing credit by examination. Each clinical nursing course examination will include instructor observation of student clinical performance, along with other examinations, check-offs, or portfolio reviews, as needed. Objective and/or essay components of the examination must be completed successfully before assignment, clinical examination, and/or portfolio evaluation are attempted.

Students interested in receiving credit by examination for nursing courses should see the nursing department chair for more information.

Certificates, Minors, Second Majors

Students may select a certificate, minor, or second major in a non-nursing field. The Spanish for Health Professionals minor (Code 320-408) is designed for students in nursing or other health-care related professions who desire a proficiency in the Spanish language. (See Department of Languages for program requirements. (p. 274)) Completion of a certificate, minor, or second major will require credits beyond the minimum necessary for graduation from the university. Scheduling difficulties may be encountered when attempting to complete a certificate, minor, or second major. See the major/minor concentration policies in the section on University Graduation Requirements. Students who select a minor or second major must obtain an academic adviser in that area.

Independent Study

Under the course numbers 399 and 499, the Department of Nursing in the College of Nursing and Health Sciences provides students with opportunities for student-initiated independent study in areas of special interest with guidance of a faculty member.

Eligibility. Independent Study courses are open only to juniors and seniors. A student with a nursing major may elect an Independent Study, provided the student has at least 3.00 resident and total GPAs. Registration requires the permission of the faculty member who agrees to supervise the project and of the department offering the course.

Restrictions. One to three credits of Independent Study (399 or 499) may be elected during any semester. A total of no more than six independent study credits in nursing may be counted toward graduation. Independent Study courses may not be applied toward completion of the liberal education requirements.

Procedure. The student shall obtain the Independent Study form from the Registrar's Office website and complete the form in consultation with the supervising faculty member. Initial approval by the department chair is required prior to enrollment.

Directed Study

Courses numbered 295, 395, and 495 offered by the Nursing Department in the College of Nursing and Health Sciences are designed to permit individual students or groups of students to undertake special projects related to their educational interests and goals.

Eligibility. Registration for a Directed Study course requires the permission of the faculty member who agrees to supervise the project and of the department offering the course. Any further conditions of eligibility may be established by the department or published as part of the course description.

Restrictions. One to three credits of Directed Study (295, 395, or 495) may be elected during any semester. A total of no more than six directed study credits

in nursing may be counted toward graduation. Directed Study courses may not be applied toward completion of the liberal education requirements.

Procedure. The student shall obtain the Directed Study form from the Registrar's Office website and complete the form in consultation with the supervising faculty member. Initial approval by the department chair is required prior to enrollment.

Departmental Honors in Nursing Program

The purpose of the Departmental Honors in Nursing Program is to provide an opportunity for students to discover nursing knowledge in a specific topic area using advanced scholarship abilities beyond the student learning outcomes of the baccalaureate nursing program. Nursing Honors students will:

1. Demonstrate professional motivation and commitment to the contribution of nursing knowledge by participating in a scholarly project that engages the student in any of the following formats: research, evidence-based practice, service project with a health care/community partner, and/or leadership.
2. Demonstrate some or all of the following scholarly behaviors with abundant depth and breadth through the scholarly project:
 - a. Formation of a focused practice/academic/management problem or need
 - b. Retrieval, appraisal, analysis, and synthesis of scholarly literature/evidence
 - c. Collaborative design of a scholarly project to meet the identified need
 - d. Implementation of the scholarly project
 - e. Dissemination of the results of the scholarly project in a professional format (oral or poster presentation, manuscript, or other).
3. Cultivate professional relationship(s) with Nursing Honors Advisor and/or other significant professional partners.

Eligibility. Nursing students with resident and total GPAs of 3.50 or higher may be admitted.

Application. A written application shall be approved by the Dean of the College of Nursing and Health Sciences and the Nursing Honors Committee.

Requirements for Completion. See college website and Blugold Insider for the most up-to-date requirements and guidelines.

Admission

All students interested in nursing applying for admission to the university follow the regular procedure and are assigned an academic adviser by the university.

The College of Nursing and Health Sciences welcomes the opportunity to give guidance in program planning to students in high school who have chosen nursing or are considering it as a career. These students are encouraged to include courses in high school which provide the best foundation for study at the university and in the major field. Recommended are:

English	4 units
Chemistry	1-2 units
Physics	1 units
Biology	1-2 units
Foreign Language ¹	2 units
Algebra	2 units
Geometry	1 units

History	1-2 units
Social Studies	3 units
Speech	1 units

¹ Two units of one language, e.g., French, German, Spanish.

Admission to the Traditional Undergraduate Pre-licensure Nursing Program

Formal application to the traditional undergraduate pre-licensure nursing program must be made. A student must be admitted to UW-Eau Claire as a pre-nursing student before applying to the nursing program. Students are encouraged to apply during the semester in which 30 credits will be completed. The deadlines for filing applications to the College of Nursing and Health Sciences are May 1 and December 1 for the Eau Claire campus; May 1 and December 1 for the Marshfield site. In order to be considered for admission to the nursing program, one must have:

1. been accepted as a pre-nursing student in the University in good standing.
2. completed at least 30 semester credits, not including courses for nursing assistant certification, with a total cumulative GPA of at least 3.00.
3. completed at least three of the five required natural science courses, two of which are laboratory science courses, with a GPA of at least 2.50.
4. earned a grade of C or above in all courses required for nursing.
5. completed all application materials including quality essay, and submitted a nonrefundable application fee.
6. completed health record, CPR certification, and background check at the time of admission to the program.

Note: Evidence of certification as a Nursing Assistant must be submitted prior to registration for sophomore nursing clinical courses (NRSRG 267) following admission to the Nursing Program.

Other data utilized by the Admissions Committee are derived from a variety of sources that include applications for admission to the University and the nursing program, high school transcript showing rank in class, previous collegiate records, and standardized tests such as ACT or SAT. International, non-native speakers of English applying to an undergraduate nursing program must have a TOEFL score as follows: TOEFL Written >560 (or IELTS score of 6.5); or TOEFL (CBT) >220; or TOEFL (iBT) >83.

The College may find it necessary to deny admission to a qualified applicant because of enrollment limits in the professional program. Depending on the number of qualified applicants, it is likely that the GPA required to be competitive for admission may be well above the 3.00 minimum cumulative GPA.

The Nurse Scholars Program provides conditional admission to the nursing program for those high achieving pre-nursing students who have been invited to enter the Nurse Scholars and University Honors programs (see University Honors (p. 33)) at the time of admission to the University. Students eligible for the Nurse Scholars Program are identified at the time of admission to the University and must accept the offer when invited. The Nursing Dean's office contacts the students who are eligible for the program. Eligibility is determined by identified major, high school class rank, ACT score, and admission to University Honors. To maintain Nurse Scholar eligibility for admission to the nursing program, the student must meet specific credit, GPA, and Honors course criteria, as well as additional admission requirements as applicable to all pre-nursing students. Further information is available from the Associate Dean for the college. Pre-nursing students participating in University Honors who believe they mistakenly may not have received a Nurse Scholar invitation must

contact the Associate Dean no later than mid-August, prior to starting courses at UW-Eau Claire.

Admission to the BSN Completion Program

The BSN Completion Program is for practicing registered nurses with an associate degree or diploma in nursing from an accredited nursing program who wish to obtain a Bachelor of Science in Nursing (BSN) degree. Formal application to the BSN Completion Program must be made in the semester prior to enrolling in nursing courses. To be considered for admission to the BSN Completion Program, students must have:

- Graduated with an associate degree in nursing from a nationally accredited (e.g., NLN, NLNAC, and ACEN) nursing program with a minimum grade point average of 2.50.
- A current Wisconsin RN license.
- Been admitted to UW-Eau Claire in good standing.
- Completed at least 30 credits of transferable liberal education courses with a total grade point average of at least 2.50.
- Completed at least three of the five required science courses, with a grade point average of at least 2.50.
- Earned a grade of C or above in all courses required for nursing.
- Submitted and completed all application materials (including but not limited to: application, application fee, official transcript from associate degree or diploma program, evidence of Wisconsin RN licensure).

Health Requirements

Admitted students must present evidence of having met current health requirements, such as immunity against diphtheria, pertussis, tetanus, varicella, rubeola (measles), mumps, rubella, and hepatitis B, annual influenza vaccination, and tuberculin skin testing (evidence of two-step TB skin test is required if the student has never been tested for TB). Please refer to the specific health requirement information delineated on the College (<http://www.uwec.edu/conhs>) website. Additional testing and medical follow-up may be requested. To secure admission acceptance, all health requirements, evidence of CPR certification, background check information, etc. must be submitted, along with the appropriate fee(s).

Admitted students must maintain their immune status against infectious diseases. Tuberculin skin tests are offered at the Student Health Service. Any student whose skin test converts from negative to positive while enrolled in the program must have a chest X-ray and a medical evaluation, and provide a statement of the clinician's findings and recommendations. Students at the Marshfield site must follow the health requirements of Saint Joseph's Hospital, Marshfield, to participate in clinical rotations. Annual interferon-gamma release assays (IGRAs) including QFT-Gold and T-Spot results may be acceptable in lieu of TB skin test results. Students are not permitted to participate in clinical course work unless all immunizations, TB tests, CPR certification, and background checks are current. Clinical facilities may have additional requirements.

All expenses associated with health surveillance and care are borne by the student unless the Student Health Service specifically indicates otherwise. Students are not covered by health or accident insurance by UW-Eau Claire, the practicum facility, or the practicum institution. In addition, workers' compensation insurance does not cover students while engaged in clinical practice. If a student suffers a needle stick or is hurt while in practicum, he or she will need personal health insurance to cover medical bills.

CPR Certification

All applicants must hold Cardiopulmonary Resuscitation (CPR) Certification at the healthcare provider level (American Heart Association level C or American Red Cross Health Care Professional). Evidence of CPR certification must be

submitted at the time of admission. Admitted students must keep their certification current.

Student Background Check Requirements

Based on Wisconsin State law, clinical agencies require completed background checks. The College of Nursing and Health Sciences requires students admitted to the nursing programs to complete background check materials which are submitted by the students to Castlebranch.com.

CastleBranch.com conducts Wisconsin and out of state criminal record and healthcare fraud and abuse searches, and includes the Wisconsin Department of Health and Family Services (DHFS) Background Information Disclosure (BID), a release for a Wisconsin Department of Justice Criminal Background Check. Further information regarding the Wisconsin Caregiver Law can be obtained from DHFS's (<http://www.dhfs.state.wi.us>) Web site. Students participating in clinicals in Minnesota may be required to complete additional background checks (with associated fees). Additional, including out of state, background checks (with associated fees) may be required by the college and by the clinical agencies. Final admission status to the nursing program is contingent upon return of criminal background check(s) with no findings that would prevent participation in the program. Because of background check or BID findings, clinical agencies may refuse placement of students. This may prevent progression in or completion of the program. The findings also may affect licensure good standing and employment. A criminal history is not an automatic bar to clinical agency placement, program progression, licensure/certification and/or future employment. Admitted students are under a continuing obligation to notify the Dean's Office at the College of Nursing and Health Sciences of any pending charges or violations of federal, state, and local laws or the campus student conduct code that occur at any future date and during their tenure as College of Nursing and Health Sciences students.

Transfer Students

Any student anticipating transfer to the university for the nursing degree is urged to consult the university Admissions Office as early as possible for information about GPA and course requirements for admission and for the degree requirements (see specific nursing program admission requirements). Official review of the student's academic record is made by the University Office of Admissions.

Applicants to the nursing program who have completed nursing courses in an accredited baccalaureate nursing program at another college or university will be considered on an individual basis, but will likely need to complete the nursing application process. Acceptance will be determined by overall quality of academic record, space availability, and the articulation of courses with those offered by the College of Nursing and Health Sciences.

Readmission to Nursing Program

Students who withdraw from the program and wish to return for completion must send a letter to the Dean requesting readmission to the nursing program at least three months in advance of the desired readmission date. Applicants must meet the current admission requirements of the nursing program.

Consideration will be given to the length of absence, the student's ability to achieve, and the available spaces in the clinical courses in which the student will enroll. Students may be asked to reapply to the program, especially if significant time has passed or if curricular changes or other circumstances have occurred. If readmission is granted, the remaining program will be planned as considered best for the student and according to the current curriculum.

College Graduation Requirements Academic Standards

The following scholastic standards must be maintained by students after admission to the nursing program if they are to be considered in good standing:

1. Achieve a semester GPA of at least 2.25;
2. Maintain a resident GPA of at least 2.50;
3. Achieve a grade of at least C in each specific course required by nursing.

If a student fails to meet any of the academic standards, the student is placed on probation in the College of Nursing and Health Sciences. The student who is placed on probation in the college will be officially notified of the change in academic standing and will be required to negotiate a contract designed for regaining good standing with the dean of the college. Should a grade of less than C in a specific course required by nursing be a factor in the probationary status, the student must repeat that course before earning credit for any course for which the repeated course is a prerequisite. For the traditional undergraduate nursing program, students are not allowed to progress further in the nursing program until the course with the less than satisfactory grade is successfully completed. No more than one instance of probation within the nursing programs is allowed. Please also refer to the college academic regulations listed in the College Overview (p.) and to the nursing student handbooks available in Blugold Insider.

Degree Requirements

To qualify for the degree of Bachelor of Science in Nursing, the candidate must present at least 120 semester credits with a total GPA of at least 2.50; must meet all university requirements for graduation; and must meet all nursing program requirements for the degree.

Satisfactory/Unsatisfactory Policy. No course required for the degree in nursing may be taken on a Satisfactory/Unsatisfactory basis. Audit enrollment is not allowed.

Nursing

Mission Statement of the Nursing Program

The purpose of the University of Wisconsin-Eau Claire Department of Nursing is to provide a scholarly environment in which faculty and students gain and extend knowledge of health, health care, and professional nursing. Nursing offers on-campus and distance baccalaureate, graduate, and continuing education for the practice of professional nursing.

The select mission of Nursing is to:

1. Educate nurses to lead within diverse, complex environments
2. Promote health and the public good through ethical leadership, collaboration, and practice
3. Contribute to knowledge development for health and nursing
4. Serve the broader missions of the college and university

Summary of Course/Credit Requirements

Required Non-Nursing Courses

CHEM 103	General Chemistry I	4
CHEM 150	Survey of Biochemistry	3
BIOL 214	Human Anatomy and Physiology I	4
BIOL 250	Microbiology	3

BIOL 314	Human Anatomy and Physiology II	4
PSYC 230	Human Development ¹	3
MATH 246	Elementary Statistics	4
or PSYC 265	Statistical Methods in Psychology I	

Liberal Education (LE) Requirements

This table shows how the above courses meet the Liberal Education Requirements

K1 Natural Sciences (two experiences, one with lab)

CHEM 103	General Chemistry I	4
CHEM 150	Survey of Biochemistry ²	3

K2 Social Sciences (two experiences)

PSYC 100	Introduction to Psychology ¹	3
PSYC 230	Human Development (PSYC 100 is a prerequisite)	3

K3 Humanities (two experiences)

Need two K3 experiences/courses

K4 Fine Arts (one experience)

Need one K4 experience/course

S1 Written and Oral Communication (two experiences)

WRIT 116	Blugold Seminar in Critical Reading and Writing (or appropriate Blugold Seminar Critical Reading and Writing course)	5
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Need 2nd S1 experience/course

S2 Mathematics (one experience)

MATH 246	Elementary Statistics	4
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S3 Creativity (one experience)

NRSG 428	Practicum: Nursing Leadership I ³	3
or CND 480	Nursing within Systems: Analysis and Application	

R1 Equity, Diversity, and Inclusivity (two experiences including one Design for Diversity course)

PSYC 230

Need 2nd R1 experience/course including Design for Diversity (DD) requirement

R2 Global Perspectives (one experience)

Need one R2 experience/course

R3 Civic and Environmental Issues (one experience)

Need one R3 experience/course

I1 Integration (two experiences)

NRSG 428 or CND 480 ³

Need 2nd I1 experience/course

Service Learning

NRSG 428 or CND 480 ³

- PSYC 100 is not required for nursing, but it is a prerequisite for PSYC 230 and counts as a K2 experience.
- Chem 150 counts as a K1 experience for Nursing majors.
- NRSG 428 required for students in the traditional undergraduate nursing program; CND 480 required for students in the BSN Completion Program. Meet the Service-Learning and S3 requirements; provide one integration (I1) experience.

Faculty

Robin Beeman, Department Chair (Nursing 279)

Norah Airth-Kindree
 Mohammad Alasagheirin
 Josephine Arriola
 Ann Boberg
 Melissa Boellaard
 Kristi Burdick
 Gail Hanson Brenner
 Theresa Buckley
 Mary Canales
 Cynthia Chapek
 Linda Feeney-Schroeder
 Rachael Haupt-Harrington
 Debra Hofmann
 Heather Iverson
 Debra Jansen
 Nita Johnson
 Catherine Kenney
 Tara Kolodzik
 Cheryl Lapp
 Gunnar Larson
 Der-Fa Lu
 Diane Marcyjanik
 Rachel Merkel
 Barbara Mueller
 Shelley-Rae Pehler
 Rorey Pritchard
 Ann Recine
 Donna Rozar
 Linda Sargent
 Lisa Schiller
 Katherine Sell
 Donna Shellenberger
 Charlotte Sortedahl
 Rita Sperstad
 Stacey Stafne
 Angela Stombaugh
 Maria Stracke
 Arin VanWormer
 Suzanne Voros
 Deborah Wendorf
 Linda Young
 Vickie Zietlow
 Mary Zwygart-Stauffacher.

Majors

- Comprehensive Major: Nursing, Eau Claire Program - B.S.N. (p. 536)
- Comprehensive Major: Nursing, Marshfield Program - B.S.N. (p. 538)
- Comprehensive Major: Nursing, Accelerated B.S.N. Option - B.S.N. (Currently on hold) (p. 534)
- Comprehensive Major: Nursing, B.S.N. Completion Program (Collaborative Nursing Degree) - B.S.N. (p. 534)
- Comprehensive Major: Nursing, WTCS Associate Degree in Nursing B.S.N. Completion Program (Collaborative Nursing Degree) - B.S.N. (p. 540)

Minors

- Minor: Topical Minor (p. 542)

Master of Science in Nursing (MSN)

The graduate program leading to the Master of Science in Nursing degree is designed to prepare nurses to assume leadership and scholarship roles in professional nursing in the areas of nursing education or nursing administration/leadership & management. Students choose an adult-gerontologic or family population focus and functional role preparation in nursing education or administration/leadership & management. After admission to the program, the student must complete approximately 40-41 graduate credits for the MSN degree. Completion of the program usually requires four semesters and a summer and winter session. Individuals interested in pursuing the nurse practitioner or clinical nurse specialist role preparations need to apply to the post-baccalaureate Doctor of Nursing Practice (BSN-to-DNP) degree option, in keeping with the American Association of Colleges of Nursing (AACN) decision to transition advanced practice nursing preparation to the Doctor of Nursing Practice (DNP) degree level.

More specific information is available in the Graduate Catalog or from the Nursing Graduate Programs Director, College of Nursing and Health Sciences.

Doctor of Nursing Practice (DNP)

The College of Nursing and Health Sciences offers Doctor of Nursing Practice (DNP) degree options for individuals pursuing education in advanced practice nursing. The DNP is a clinical doctorate designed to prepare nurses to assume leadership roles in the areas of advanced clinical practice nursing (nurse practitioner or clinical nurse specialist) or nursing administration/nurse executive. Both MSN-to-DNP and BSN-to-DNP options are offered. The MSN-to-DNP option includes an advanced clinical practice (for nurse practitioners or clinical nurse specialists) option or a nurse executive option. More specific information is available online from the college website (<http://catalog.uwec.edu/undergraduate/nursing-health-sciences/nursing/www.uwec.edu/conhs>) or from the Nursing Graduate Programs Director, College of Nursing and Health Sciences.

Nursing, Accelerated B.S.N. Option, Comprehensive Major

(Code 700-007) – Currently on hold.

Admission Requirements

Admission to the Professional Nursing Program. (p. 530)

Major Requirements

UW-Eau Claire offers, when resources allow, an accelerated B.S.N. degree option for individuals with a bachelor's degree in another field who wish to earn a second bachelor's degree in nursing. Admission into this option currently is on hold. In order to be considered for the Accelerated B.S.N. program, students must hold a bachelor's degree, have been accepted to the university, have completed required prerequisite courses, have earned a minimum overall GPA of 3.00 in most recent bachelor's or higher degree and a GPA of 2.50 in required science courses, satisfy the university design for diversity requirement, be certified as a nursing assistant, and be certified in CPR. The Accelerated B.S.N. program includes 60 credits of nursing courses offered over a shortened time frame.

To qualify for the Bachelor of Science in Nursing (BSN) degree, students must complete at least 120 semester credits with a total GPA of at least 2.50; must meet all university requirements for graduation; and must meet all nursing program requirements for the degree. Students taking a comprehensive major are not required to take a minor in another area. However, students who are

interested in a minor are encouraged to discuss options with their adviser. Students must also seek an adviser in the area of the minor.

Required Prerequisite Courses (or equivalents)

CHEM 103	General Chemistry I	4
CHEM 150	Survey of Biochemistry	3
BIOL 214	Human Anatomy and Physiology I	4
BIOL 314	Human Anatomy and Physiology II	4
BIOL 250	Microbiology	3
PSYC 230	Human Development	3
MATH 246	Elementary Statistics	4

Nursing, B.S.N. Completion Program, Comprehensive Major

(Code 700-005)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average
	Major	2.00 average
	Minor	2.00 average
	Certificate	2.00 average
University Residency Requirements (p. 50) ³		
	Minimum total	30
	Senior year	23
	Major, Standard, upper division in residence	12
	Major, Comprehensive, upper division in residence	21
	Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate

will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		
a minimum of 36 credits		
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences	
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences	
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences	
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience	
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences	
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience	
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences	
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences	
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences	
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences	
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences	
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

Admission Requirements

Admission to the Professional Nursing Program. (p. 530)

Major Requirements

UW-Eau Claire, together with other UW institutions offering nursing programs, has developed a collaborative degree completion program for registered nurses. This collaborative endeavor is possible due to developing technology in the electronic transmission of courses. Students naming UW-Eau Claire as their home institution in the BSN Completion Program receive student services from this university. Liberal education requirements can be taken at any institution where equivalent transfer credit can be obtained. This liberal education must

meet the overall UW-Eau Claire liberal education requirements if the degree is to be obtained from UW-Eau Claire. The majority of nursing courses in the program are taught through a variety of distance technology methods. The foundational course (CND 310) and a capstone course (CND 480) with a clinical component are offered in a hybrid on-campus/online format (see nursing courses with CND prefix).

To qualify for the Bachelor of Science in Nursing (BSN) degree, students must complete at least 120 semester credits with a total GPA of at least 2.50; must meet all university requirements for graduation; and must meet all nursing program requirements for the degree, including satisfactory completion of statistics and biochemistry. Students taking a comprehensive major are not required to take a minor in another area. However, students who are interested in a minor are encouraged to discuss options with their adviser. Students must also seek an adviser in the area of the minor.

Summary of Nursing Courses/Credits for B.S.N. Completion Program

Sixty semester credits, including:

CND 310	Bridge to Professional Nursing ¹	2
CND 407	Foundations of Professional Nursing Practice	3
CND 441	Chronic Care Management	3
CND 446	Research and Evidence-Based Practice	3
CND 447	Leadership & Management	3
CND 453	Information Management and Healthcare Technology	3
CND 454	Community Health Nursing	3
CND 480	Nursing within Systems: Analysis and Application ²	4
Credit by confirming course for prior nursing education ¹		30
Nursing Electives ³		6
Total Credits		60

¹ Confirming credit provided following completion of CND 310, the first CND core course, if completed with a grade of B or above.

² CND 480 meets the university Service-Learning and S3 requirements; provides one integration (I1) experience.

³ Nursing electives must be at the upper division (300 or higher) level.

Required Non-Nursing Courses:

CHEM 103	General Chemistry I ¹	4
CHEM 150	Survey of Biochemistry ²	3
BIOL 214	Human Anatomy and Physiology I ³	4
BIOL 250	Microbiology ⁴	3
BIOL 314	Human Anatomy and Physiology II ³	4
PSYC 230	Human Development (PSYC 100 is a prerequisite) ⁵	3
MATH 246 or PSYC 265	Elementary Statistics or Statistical Methods in Psychology I	3-4

Liberal Education (LE) Requirements

This table shows how the above courses meet the Liberal Education Requirements

K1 Natural Sciences (two experiences, one with lab)

CHEM 103	General Chemistry I ^{1,4}	3-4
or BIOL 250	Microbiology	
CHEM 150	Survey of Biochemistry ²	3

K2 Social Sciences (two experiences)

PSYC 100	Introduction to Psychology ⁵	3
PSYC 230	Human Development (PSYC 100 is a prerequisite)	3

K3 Humanities (two experiences)

Need two K3 experiences/courses

K4 Fine Arts (one experience)

Need one K4 experience/course

S1 Written and Oral Communication (two experiences)

WRIT 116	Blugold Seminar in Critical Reading and Writing (or appropriate Blugold Seminar Critical Reading and Writing course)	5
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Need 2nd S1 experience/course

S2 Mathematics (one experience)

MATH 246	Elementary Statistics	4
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S3 Creativity (one experience)

CND 480	Nursing within Systems: Analysis and Application ⁶	4
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R1 Equity, Diversity, and Inclusivity (two experiences including one Design for Diversity course)

PSYC 230

Need 2nd R1 experience/course including Design for Diversity (DD) requirement

R2 Global Perspectives (one experience)

Need one R2 experience/course

R3 Civic and Environmental Issues (one experience)

Need one R3 experience/course

I1 Integration (two experiences)CND 480 ⁶

Need 2nd I1 experience/course

Service LearningCND 480 ⁶

¹ Chem 103 requirement satisfied following completion of Chem 150 for BSN Completion students only.

² Chem 150 counts as a K1 experience for BSN Completion and Traditional BSN Nursing majors.

³ BSN Completion students may substitute anatomy and physiology courses taken for Associate Degree in Nursing (ADN) for Biol 214 and Biol 314.

⁴ Biol 250 or 361 count as K1 experiences for BSN Completion Nursing majors. Lab science requirement satisfied through ADN.

⁵ PSYC 100 is not required for nursing, but it is a prerequisite for PSYC 230 and counts as a K2 experience.

⁶ CND 480 meets the Service-Learning and S3 requirements; provides one integration (I1) experience.

R.N./B.S.N./M.S.N. Option

The R.N./B.S.N./M.S.N. option is a program that facilitates the progression of qualified Registered Nurse students, enrolled in the BSN Completion Program (Collaborative Nursing Program), to progress in pursuing the Master of Science in Nursing (MSN) Program at UW-Eau Claire. This option provides

the opportunity for the qualified nurse to earn credits toward the M.S.N. while completing the baccalaureate degree in nursing. This is accomplished by enrolling as a senior undergraduate student in selected graduate courses. A grade of B or better must be earned in a graduate course in order to be eligible to register for additional graduate courses. The graduate courses serve as confirming courses for up to nine credits in the undergraduate BSN completion curriculum; a grade of C or better is needed to earn the confirming credits. Permission must be obtained from the Nursing Graduate Programs Director of the College of Nursing and Health Sciences prior to enrollment in this option.

Students approved for this option may enroll in:

Graduate Courses

NRSNG 701	Nursing Research: Methods (Fall Semester)	4
NRSNG 715	Leadership and Health Policy in Nursing (Spring Semester)	3
Cognate (Varies with Role Preparation)		2

And receive credit for:

Undergraduate Courses

CND 446	Research and Evidence-Based Practice	3
CND 447	Leadership & Management	3
Nursing Elective		2

Requirements for eligibility:

- Senior status in nursing: 90 semester credits completed, including two courses in upper division nursing and an undergraduate statistics course (grade of C or higher).
- If a second degree student, prerequisites for nursing, university requirements for a second degree, and two courses in upper division nursing and an undergraduate statistics course (grade of C or higher) must have been completed.
- Cumulative GPA of 3.00 or higher in course work accepted toward the B.S.N.
- Recommendation of the Nursing Graduate Programs Director of the College of Nursing and Health Sciences.

Nursing, Eau Claire Program, Comprehensive Major

(Code 700-004)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		
Credit Requirements		
	Minimum total for graduation ¹	120
	Upper division credits (courses numbered 300 and higher)	39
	Liberal Education Core (p. 46)	36
	Academic Concentrations (p. 50)	
Grade Point Requirements (p. 49) ²		
	Total	2.00 average
	Resident	2.00 average

Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50)³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- 1 Certain programs exceed this minimum.
- 2 See special requirements in each College.
- 3 See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-s1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-s2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-s3)		One (1) learning experiences
Responsibility Goal		

Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (<http://catalog.uwec.edu/undergraduate/attribute-R1>)

Two (2) learning experiences

One R1 must satisfy Design for Diversity (p. 49)

Responsibility Outcome 2 (R2): Global Perspectives (<http://catalog.uwec.edu/undergraduate/attribute-R2>)

One (1) learning experiences

Responsibility Outcome 3 (R3): Civic and Environmental Issues (<http://catalog.uwec.edu/undergraduate/attribute-R3>)

One (1) learning experiences

Integration Goal

Integration Outcome 1 (I1): Integration (<http://catalog.uwec.edu/undergraduate/attribute-I1>)

Two (2) learning experiences

Service-Learning Goal

Service-Learning (p. 49)

30 hours

Admission Requirements

Admission to the Professional Nursing Program. (p. 530)

Major Requirements

To qualify for the Bachelor of Science in Nursing (BSN) degree, students must complete at least 120 semester credits with a total GPA of at least 2.50; must meet all university requirements for graduation; and must meet all nursing program requirements for the degree. Students taking a comprehensive major are not required to take a minor in another area. However, students who are interested in a minor are encouraged to discuss options with their adviser. Students must also seek an adviser in the area of the minor.

Sample Program of Undergraduate Study**Pre-Professional Level****Freshman Year****1st Semester**

WRIT 116	Blugold Seminar in Critical Reading and Writing (Counts as S1)	5
CHEM 103	General Chemistry I (Counts as K1)	4
PSYC 100	Introduction to Psychology (Counts as K2)	3
or PSYC 260	Educational Psychology	
Communication/Language (S1 or R2) or Humanities (K3)		3-4
Total Credits		15-16

2nd Semester

CHEM 150	Survey of Biochemistry (Counts as K1 for Nursing majors) ¹	3
BIOL 214	Human Anatomy and Physiology I	4
PSYC 230	Human Development (Counts as K2, R1)	3
Communication/Language (S1 or R2) or Humanities (K3)		3-4
Humanities (K3) or Elective		1-3
Total Credits		15-17

Professional Level**Sophomore Year****1st Semester**

BIOL 250	Microbiology ²	3
BIOL 314	Human Anatomy and Physiology II	4
MATH 246	Elementary Statistics (Counts as S2)	4
Global Perspectives/Language (R2) or Integration (I1)		3-4
Total Credits		14-15

2nd Semester

NRSNG 245	Pharmacology for Nursing Practice	3
NRSNG 249	Normal and Therapeutic Nutrition in Nursing Practice	2
NRSNG 257	Foundations of Professional Nursing Practice	4
NRSNG 267	Practicum: Foundational Skills for Nursing Practice	3
Select one of the following if not already completed:		3-4
MATH 246 (counts as S2)		
PSYC 230 (counts as K2, R1)		
CHEM 150 (counts as K1)		
Global Perspectives course (R2)		
Integration (I1)		
Total Credits		15-16

Junior Year**1st Semester**

NRSNG 317	Practicum: Advanced Skills for Nursing Practice	4
NRSNG 327	Nursing Leadership and Systems I	3
NRSNG 337	Nursing Care of Adults and Older Adults I	3
NRSNG 347	Psychiatric and Mental Health Nursing	2
Design for Diversity R1 course (R1, DDIV)		3
Total Credits		15

2nd Semester

NRSNG 357	Nursing Care of Adults and Older Adults II	4
NRSNG 359	Practicum: Nursing Care of Adults and Older Adults	2
NRSNG 367	Community and Public Health Nursing	3
NRSNG 376	Nursing Care of Women, Infants, and Families	3
Civic and Environmental Issues course (R3)		3
Total Credits		15

Senior Year**1st Semester**

NRSNG 424	Nursing Leadership and Systems II	3
NRSNG 428	Practicum: Nursing Leadership I (Counts as S3, I1; meets Service-Learning Requirement) ³	3
NRSNG 446	Nursing Care of Children and Families	4
NRSNG 447	Practicum: Nursing Care of Individuals, Infants, Children, and Families	2
Fine Arts course (K4)		3
Total Credits		15

2nd Semester

NRSNG 457	Nursing Care of Chronically Ill Patients and Their Families	3
NRSNG 467	Seminar: Innovative Solutions to Complex Healthcare Problems	2
NRSNG 477	Practicum: Nursing Leadership II	4
NRSNG 487	Transition to Professional Nursing Practice	3

Humanities (K3) or Elective	3
Total Credits	15

Total Number of Credits Required for BSN Degree - 120

- ¹ CHEM 150 available spring semesters at UW-Eau Claire and some fall and winterim terms. May consider Chem 203 via UW Colleges Online (not a UWEC course). Counts as a K1 experience for Nursing majors.
- ² BIOL 250 available fall semesters at UW-Eau Claire and some winterim and summer terms. May consider BACT 101 through UW Extension/Independent Learning if not offered at UW-Eau Claire. Courses also frequently available at the Wisconsin technical schools.
- ³ NRSNG 428 meets the university Service-Learning and S3 requirements; provides one integration (I1) experience.

Prerequisites for Sophomore Nursing Courses

NRSNG 245	CHEM 150 Prerequisite or Concurrent
NRSNG 249	CHEM 150 Prerequisite or Concurrent
NRSNG 257	PSYC 230 Prerequisite or Concurrent; Statistics (MATH 246 or PSYC 265) Prerequisite or Concurrent
NRSNG 267	BIOL 250, BIOL 314, CNA Certification

Nursing, Marshfield Program, Comprehensive Major

(Code 700-008)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		

Credit Requirements

Minimum total for graduation ¹	120
Upper division credits (courses numbered 300 and higher)	39
Liberal Education Core (p. 46)	36
Academic Concentrations (p. 50)	

Grade Point Requirements (p. 49)²

Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50)³

Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation

Obtain admission to the degree program and/or the College offering it.

Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)	Two (2) learning experiences	
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)	Two (2) learning experiences	
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)	Two (2) learning experiences	
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)	One (1) learning experience	
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)	Two (2) learning experiences	
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)	One (1) learning experience	
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)	One (1) learning experiences	
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)	Two (2) learning experiences	
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)	One (1) learning experiences	
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)	One (1) learning experiences	
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)	Two (2) learning experiences	
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

Admission Requirements

Admission to the Professional Nursing Program. (p. 530)

Major Requirements

To qualify for the Bachelor of Science in Nursing (BSN) degree, students must complete at least 120 semester credits with a total GPA of at least 2.50; must meet all university requirements for graduation; and must meet all nursing program requirements for the degree. Students taking a comprehensive major are not required to take a minor in another area. However, students who are interested in a minor are encouraged to discuss options with their adviser. Students must also seek an adviser in the area of the minor.

Sample Program of Undergraduate Study

Pre-Professional Level

Freshman Year

1st Semester

WRIT 116	Blugold Seminar in Critical Reading and Writing (Counts as S1)	5
CHEM 103	General Chemistry I (Counts as K1)	4
PSYC 100	Introduction to Psychology (Counts as K2)	3
or PSYC 260	Educational Psychology	
Communication/Language (S1 or R2) or Humanities (K3)		3-4
Total Credits		15-16

2nd Semester

CHEM 150	Survey of Biochemistry (Counts as K1 for Nursing majors) ¹	3
BIOL 214	Human Anatomy and Physiology I	4
PSYC 230	Human Development (Counts as K2, R1)	3
Communication/Language (S1 or R2) or Humanities (K3)		3-4
Humanities (K3) or Elective		1-3
Total Credits		15-17

Professional Level

Sophomore Year

1st Semester

BIOL 250	Microbiology ²	3
BIOL 314	Human Anatomy and Physiology II	4
MATH 246	Elementary Statistics (Counts as S2)	4
Global Perspectives/Language (R2) or Integration (I1)		3-4
Total Credits		14-15

2nd Semester

NRSG 245	Pharmacology for Nursing Practice	3
NRSG 249	Normal and Therapeutic Nutrition in Nursing Practice	2
NRSG 257	Foundations of Professional Nursing Practice	4
NRSG 267	Practicum: Foundational Skills for Nursing Practice	3

Select one of the following if not already completed: 3-4

Math 246 (counts as S2)

PSYC 230 (counts as K2, R1)

Chem 150 (counts as K1)

Global Perspectives course (R2)

Integration (I1)	
Total Credits	15-16

Junior Year**1st Semester**

NRSRG 317	Practicum: Advanced Skills for Nursing Practice	4
NRSRG 327	Nursing Leadership and Systems I	3
NRSRG 337	Nursing Care of Adults and Older Adults I	3
NRSRG 347	Psychiatric and Mental Health Nursing	2
Design for Diversity R1 course (R1, DD)		3
Total Credits		15

2nd Semester

NRSRG 357	Nursing Care of Adults and Older Adults II	4
NRSRG 359	Practicum: Nursing Care of Adults and Older Adults	2
NRSRG 367	Community and Public Health Nursing	3
NRSRG 376	Nursing Care of Women, Infants, and Families	3
Civic and Environmental Issues course (R3)		3
Total Credits		15

Senior Year**1st Semester**

NRSRG 424	Nursing Leadership and Systems II	3
NRSRG 428	Practicum: Nursing Leadership I (Counts as S3, I1; meets Service-Learning Requirement) ³	3
NRSRG 446	Nursing Care of Children and Families	4
NRSRG 447	Practicum: Nursing Care of Individuals, Infants, Children, and Families	2
Fine Arts course (K4)		3
Total Credits		15

2nd Semester

NRSRG 457	Nursing Care of Chronically Ill Patients and Their Families	3
NRSRG 467	Seminar: Innovative Solutions to Complex Healthcare Problems	2
NRSRG 477	Practicum: Nursing Leadership II	4
NRSRG 487	Transition to Professional Nursing Practice	3
Humanities (K3) or Elective		3
Total Credits		15

Total Number of Credits Required for BSN Degree - 120

- ¹ CHEM 150 available spring semesters at UW-Eau Claire and some fall and winterim terms. May consider Chem 203 via UW Colleges Online (not a UWEC course). Counts as a K1 experience for Nursing majors.
- ² Biol 250 available fall semesters at UW-Eau Claire and some winterim and summer terms. May consider BACT 101 through UW Extension/Independent Learning if not offered at UW-Eau Claire. Courses also frequently available at the Wisconsin technical schools.
- ³ NRSRG 428 meets the university Service-Learning and S3 requirements; provides one integration (I1) experience.

Prerequisites for Sophomore Nursing Courses

NRSRG 245	CHEM 150 Prerequisite or Concurrent
NRSRG 249	CHEM 150 Prerequisite or Concurrent
NRSRG 257	PSYC 230 Prerequisite or Concurrent; Statistics (MATH 246 or PSYC 265) Prerequisite or Concurrent
NRSRG 267	BIOL 250, BIOL 314, CNA Certification

Nursing, WTCS Associate Degree in Nursing BSN Completion Program (Collaborative Nursing Degree), Comprehensive Major

(Code 700-006)

University Requirements

Code	Title	Credits
GRADUATION REQUIREMENTS FOR BACCALAUREATE DEGREE		

Credit Requirements	
Minimum total for graduation ¹	120
Upper division credits (courses numbered 300 and higher)	39
Liberal Education Core (p. 46)	36
Academic Concentrations (p. 50)	

Grade Point Requirements (p. 49)²	
Total	2.00 average
Resident	2.00 average
Major	2.00 average
Minor	2.00 average
Certificate	2.00 average

University Residency Requirements (p. 50)³	
Minimum total	30
Senior year	23
Major, Standard, upper division in residence	12
Major, Comprehensive, upper division in residence	21
Certificate	25 percent of credits

Procedures Required for Graduation	
Obtain admission to the degree program and/or the College offering it.	

Apply for graduation on CampS.

- ¹ Certain programs exceed this minimum.
- ² See special requirements in each College.
- ³ See special requirements for the College of Education and Human Sciences.

Liberal Education Core

The University of Wisconsin-Eau Claire measures learning outcomes to ensure that its graduates have achieved a liberal education and prepared themselves to contribute to a complex society. Upon graduation, each undergraduate will have met the four learning goals of our liberal education core and the 11 learning outcomes they comprise.

Code	Title	Credits
LIBERAL EDUCATION CORE REQUIREMENTS		a minimum of 36 credits
Knowledge Goal		
Knowledge Outcome 1 (K1): Natural Sciences (http://catalog.uwec.edu/undergraduate/attribute-k1)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 2 (K2): Social Sciences (http://catalog.uwec.edu/undergraduate/attribute-k2)		Two (2) learning experiences
One experience in laboratory science must be selected from either K1 or K2.		
Knowledge Outcome 3 (K3): Humanities (http://catalog.uwec.edu/undergraduate/attribute-k3)		Two (2) learning experiences
Knowledge Outcome 4 (K4): Fine Arts (http://catalog.uwec.edu/undergraduate/attribute-k4)		One (1) learning experience
Skills Goal		
Skills Outcome 1 (S1): Written and Oral Communication (http://catalog.uwec.edu/undergraduate/attribute-S1)		Two (2) learning experiences
One S1 must meet the University Writing Requirement (p. 49)		
Skills Outcome 2 (S2): Mathematics (http://catalog.uwec.edu/undergraduate/attribute-S2)		One (1) learning experience
One S2 to meet the University Mathematics Requirement (p. 49)		
Skills Outcome 3 (S3): Creativity (http://catalog.uwec.edu/undergraduate/attribute-S3)		One (1) learning experiences
Responsibility Goal		
Responsibility Outcome 1 (R1): Equity, Diversity, and Inclusivity (http://catalog.uwec.edu/undergraduate/attribute-R1)		Two (2) learning experiences
One R1 must satisfy Design for Diversity (p. 49)		
Responsibility Outcome 2 (R2): Global Perspectives (http://catalog.uwec.edu/undergraduate/attribute-R2)		One (1) learning experiences
Responsibility Outcome 3 (R3): Civic and Environmental Issues (http://catalog.uwec.edu/undergraduate/attribute-R3)		One (1) learning experiences
Integration Goal		
Integration Outcome 1 (I1): Integration (http://catalog.uwec.edu/undergraduate/attribute-I1)		Two (2) learning experiences
Service-Learning Goal		
Service-Learning (p. 49)		30 hours

Admission Requirements

Admission to the Professional Nursing Program. (p. 530)

Major Requirements

WTCS Associate Degree in Nursing/May 1996 or later BSN Completion Program (Collaborative Nursing Degree)

UW-Eau Claire, together with other UW institutions offering nursing programs, has developed a collaborative degree completion program for registered nurses. This collaborative endeavor is possible due to developing technology in the electronic transmission of courses. Students naming UW-Eau Claire as their home institution in the BSN Completion Program receive student services from this university. Liberal education requirements can be taken at any institution

where equivalent transfer credit can be obtained. This liberal education must meet the overall UW-Eau Claire liberal education requirements if the degree is to be obtained from UW-Eau Claire. The majority of nursing courses in the program are taught through a variety of distance technology methods. The foundational course (CND 310) and a capstone course (CND 480) with a clinical component are offered in a hybrid on-campus/online format (see nursing courses with CND prefix).

Students in this option are eligible for the benefits of the articulation agreement between UW System and WTCS non-college associate degree programs in nursing.

To qualify for the Bachelor of Science in Nursing (BSN) degree, students must complete at least 120 semester credits with a total GPA of at least 2.50; must meet all university requirements for graduation; and must meet all nursing program requirements for the degree, including satisfactory completion of statistics and biochemistry. Students taking a comprehensive major are not required to take a minor in another area. However, students who are interested in a minor are encouraged to discuss options with their adviser. Students must also seek an adviser in the area of the minor.

Summary of Nursing Courses/Credits for B.S.N. Completion Program

Sixty semester credits, including:

CND 310	Bridge to Professional Nursing ¹	2
CND 407	Foundations of Professional Nursing Practice	3
CND 441	Chronic Care Management	3
CND 446	Research and Evidence-Based Practice	3
CND 447	Leadership & Management	3
CND 453	Information Management and Healthcare Technology	3
CND 454	Community Health Nursing	3
CND 480	Nursing within Systems: Analysis and Application ²	4
Credit by confirming course for prior nursing education ¹		30
Nursing Electives ³		6
Total Credits		60

¹ Confirming credit provided following completion of CND 310, the first CND core course, if completed with a grade of B or above.

² CND 480 meets the university Service-Learning and S3 requirements; provides one integration (I1) experience.

³ Nursing electives must be at the upper division (300 or higher) level.

Required Non-Nursing Courses:

CHEM 103	General Chemistry I ¹	4
CHEM 150	Survey of Biochemistry ²	3
BIOL 214	Human Anatomy and Physiology I ³	4
BIOL 250	Microbiology ⁴	3
BIOL 314	Human Anatomy and Physiology II ³	4
PSYC 230	Human Development (PSYC 100 is a prerequisite) ⁵	3
MATH 246 or PSYC 265	Elementary Statistics or Statistical Methods in Psychology I	3-4

Liberal Education (LE) Requirements

This table shows how the above courses meet the Liberal Education Requirements

K1 Natural Sciences (two experiences, one with lab)

CHEM 103	General Chemistry I ^{1,4}	3-4
or BIOL 250	Microbiology	
CHEM 150	Survey of Biochemistry ²	3

K2 Social Sciences (two experiences)

PSYC 100	Introduction to Psychology ⁵	3
PSYC 230	Human Development (PSYC 100 is a prerequisite)	3

K3 Humanities (two experiences)

Need two K3 experiences/courses

K4 Fine Arts (one experience)

Need one K4 experience/course

S1 Written and Oral Communication (two experiences)

WRIT 116	Blugold Seminar in Critical Reading and Writing (or appropriate Blugold Seminar Critical Reading and Writing course)	5
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Need 2nd S1 experience/course

S2 Mathematics (one experience)

MATH 246	Elementary Statistics	4
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S3 Creativity (one experience)

CND 480	Nursing within Systems: Analysis and Application ⁶	4
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R1 Equity, Diversity, and Inclusivity (two experiences including one Design for Diversity course)

PSYC 230

Need 2nd R1 experience/course including Design for Diversity (DD) requirement

R2 Global Perspectives (one experience)

Need one R2 experience/course

R3 Civic and Environmental Issues (one experience)

Need one R3 experience/course

I1 Integration (two experiences)

CND 480 ⁶

Need 2nd I1 experience/course

Service Learning

CND 480 ⁶

- Chem 103 requirement satisfied following completion of Chem 150 for BSN Completion students only.
- Chem 150 counts as a K1 experience for BSN Completion and Traditional BSN Nursing majors.
- BSN Completion students may substitute anatomy and physiology courses taken for Associate Degree in Nursing (ADN) for Biol 214 and Biol 314.
- Biol 250 or 361 count as K1 experiences for BSN Completion Nursing majors. Lab science requirement satisfied through ADN.
- PSYC 100 is not required for nursing, but it is a prerequisite for PSYC 230 and counts as a K2 experience.
- CND 480 meets the Service-Learning and S3 requirements; provides one integration (I1) experience.

R.N./B.S.N./M.S.N. Option

The R.N./B.S.N./M.S.N. option is a program that facilitates the progression of qualified Registered Nurse students, enrolled in the BSN Completion Program (Collaborative Nursing Program), to progress in pursuing the Master of Science in Nursing (MSN) Program at UW-Eau Claire. This option provides the opportunity for the qualified nurse to earn credits toward the M.S.N. while completing the baccalaureate degree in nursing. This is accomplished by enrolling as a senior undergraduate student in selected graduate courses. A grade of B or better must be earned in a graduate course in order to be eligible to register for additional graduate courses. The graduate courses serve as confirming courses for up to nine credits in the undergraduate BSN completion curriculum; a grade of C or better is needed to earn the confirming credits. Permission must be obtained from the Nursing Graduate Programs Director of the College of Nursing and Health Sciences prior to enrollment in this option.

Students approved for this option may enroll in:

Graduate Courses

NRSNG 701	Nursing Research: Methods (Fall Semester)	4
NRSNG 715	Leadership and Health Policy in Nursing (Spring Semester)	3
	Cognate (Varies with Role Preparation)	2

And receive credit for:

Undergraduate Courses

CND 446	Research and Evidence-Based Practice	3
CND 447	Leadership & Management	3
	Nursing Elective	2

Requirements for eligibility:

- Senior status in nursing: 90 semester credits completed, including two courses in upper division nursing and an undergraduate statistics course (grade of C or higher).
- If a second degree student, prerequisites for nursing, university requirements for a second degree, and two courses in upper division nursing and an undergraduate statistics course (grade of C or higher) must have been completed.
- Cumulative GPA of 3.00 or higher in course work accepted toward the B.S.N.
- Recommendation of the Nursing Graduate Programs Director of the College of Nursing and Health Sciences.

Topical Minor, Minor**Nursing (Code 610-432)**

A topical minor is composed of 24 semester credits selected by the student to meet the student's own interests and scholarly objectives. Courses for the minor may be chosen on the basis of a coherent theme, a definable professional need, or complementary relation to the student's major.

The topical minor is not intended to duplicate any major or minor offered as a regular program.

Nursing Comprehensive Major. The topical minor must include 12 credits from the College of Nursing and Health Sciences and 12 credits from at least one department in any other college within the university. No more than six credits

in the comprehensive major may be applied to the minor. At least 12 of the 24 credits must be earned in courses numbered 300 or above.

Standard Major. The topical minor must include courses from at least two departments, with no more than 12 credits from any one department and no more than six credits from the department of the student's major. Courses included in the major cannot be applied to the minor. At least 12 of the 24 credits must be earned in courses numbered 300 or above and 12 of the 24 credits must be earned in the College of Nursing and Health Sciences courses. The remaining credits may be earned from any college in the university.

Procedure. The student interested in obtaining a topical minor through the College of Nursing and Health Sciences shall obtain a topical minor application form from the College of Nursing and Health Sciences Dean's office and identify a topical minor adviser. The completed form will be forwarded to the adviser for approval.

COURSES

Course Numbering System

The first digit in a course number indicates the level of the course:

1-99	courses that cannot be counted toward minimum degree requirements
100-199	courses primarily for freshmen
200-299	courses primarily for sophomores
300-499	courses open to juniors and seniors
500-699 ¹	junior-senior courses approved for graduate credit
700-799	courses open only to graduate students
800-899	course open only to Doctor of Nursing Practice (DNP) students

¹ *Students who have taken a course at the 300- or 400-level may not include that course at the 500- or 600-level in a graduate program, except in the case of special topics courses when the topic is not the same as that taken at the undergraduate level or at the discretion of the program adviser.*

Cross-listed Courses

Courses are cross-listed when the curriculum is interdisciplinary in nature and the course is offered through multiple departments. That is, two course listings identify the same courses. The listings will have identical numbers—only the course prefix varies.

Some certifications, licensures, and programs may require a specific number of credits from certain curricular disciplines. Therefore, students should review program constraints before enrolling for cross-listed courses.

Course Prefixes

ACCT	Accounting
AIS	American Indian Studies
ANTH	Anthropology
ART	Art
ARTH	Art History
BCOM	Business Communication
BIOL	Biology
BSAD	Business Administration
CE	Computer Engineering
CHEM	Chemistry
CHIN	Chinese
CJ	Communication/Journalism
CND	Collaborative Nursing Degree
CPSC	Computational Science
CRMJ	Criminal Justice
CS	Computer Science
CSD	Communication Sciences and Disorders
DNCE	Dance
DNP	Doctor of Nursing Practice
ECON	Economics
ENGL	English
ENPH	Environmental Public Health

ENV	Environmental Studies
ES	Education Studies
ESL	English as a Second Language
FIN	Finance
FLG	Foreign Language
FLTR	Foreign Language in Translation
FREN	French
GEN	General Courses
GEOG	Geography
GEOL	Geology
GERM	German
GRK	Greek
HASA	Health and Aging Services Administration
HCAD	Health Care Administration
HIST	History
HMNG	Hmong
HNRS	Honors Colloquium
HUMS	Humanities
INTB	International Business
IS	Information Systems
IDIS	Interdisciplinary Studies
INTA	International Studies Abroad
INTS	International Studies
INTX	International Studies Exchange
JAPN	Japanese
KINS	Kinesiology
LAS	Latin American Studies
LAT	Latin
LMED	Library Science and Media Education
LS	Liberal Studies
MATH	Mathematics
MBA	Master of Business Administration
MGMT	Management
MKTG	Marketing
MSCI	Materials Science
MSL	Military Science and Leadership
MUED	Music Education
MUSI	Music
NRSG	Nursing
PHIL	Philosophy
PHYS	Physics
POLS	Political Science
PSYC	Psychology
PHP	Public Health Professions
PSAS	Professional Studies Arts and Sciences
PSB	Professional Studies Business
RELS	Religious Studies
RUSS	Russian
SOC	Sociology
SPAN	Spanish
SPED	Special Education
SW	Social Work

THEA	Theatre Arts
UEC	Unified Early Childhood
WMNS	Women's Studies
WRIT	Writing

Abbreviations in Course Descriptions

cr(s)	semester credit(s)
Arr	hours arranged
F, Wi, Sp, Su, V	The semester or session when a course is likely to be offered: Fall, Winterim, Spring, Summer, or Varies (inquire in department)
iBT	internet based test
GPA	grade point average
P	prerequisite(s) to the course
PR	Progress (Grad Only)
S/U	Satisfactory/Unsatisfactory

Special Program and Course Fees Abbreviations

CND	BSN Completion Program Fee
CSDMSOL	Master of Science, Communication Sciences and Disorders, Online
DNP	DNP Program Fee
HCAD	HCAD Program Fee

Category Abbreviations

General

AC	Activity
CP	Capstone
FYE	Freshman Year Experience
HONOR	Honors Course
IN	Internship
LS	Lab Science
NF	New Freshman

Liberal Education

LE-DDIV	LE-DDIV Design for Diversity
LE-I1	LE-I1 Integration
LE-K1	LE-K1 Natural Sciences
LE-K1L	LE-K1L Natural Sciences with Lab
LE-K2	LE-K2 Social Sciences
LE-K2L	LE-K2L Social Sciences with Lab
LE-K3	LE-K3 Humanities
LE-K4	LE-K4 Fine Arts
LE-R1	LE-R1 Equity, Diversity, and Inclusivity
LE-R2	LE-R2 Global Perspectives
LE-R3	LE-R3 Civic and Environmental Issues
LE-S1	LE-S1 Written and Oral Communication
LE-S2	LE-S2 Mathematics
LE-S3	LE-S3 Creativity
SL-Full	Service-Learning, full 30 hours
SL-Half	Service-Learning, half 15 hours
SL-Optional	Service-Learning, Optional, up to 30 hours

SL-Optional/Half	Service-Learning Optional, half/up to 15 hours
SL-Variable	Service-Learning, variable credit
General Education	
CD1	Cultural Diversity, one credit
CD2	Cultural Diversity, two credits
CD3	Cultural Diversity, three credits
CD-Variable	Cultural Diversity, variable credit
FC	Foreign Culture
GE-IA	General Education-Communication/Language Skills
GE-IB	General Education-Communication/Analytical Skill
GE-IC	General Education-Interdisciplinary Studies
GE-IIA-F	General Education - Natural Sciences
GE-IIIA-G	General Education - Social Sciences
GE-IVA-E	General Education - Humanities
GE-V	General Education - Univesity Wide
PA	Physical Activity
SL-Full	Service-Learning, full 30 hours
SL-Half	Service-Learning, half 15 hours
SL-Optional	Service-Learning, Optional, up to 30 hours
SL-Optional/Half	Service-Learning Optional, half/up to 15 hours
SL-Variable	Service-Learning, variable credit
W	Wellness

Grading Basis

"All Grades," which is defined as A-F Grades, Audit Allowed, and S/U Allowed, is the typical Grading Basis for the majority of courses in this catalog, and is not specified explicitly in catalog course descriptions. Exceptions to "All Grades" are specified explicitly in the catalog course descriptions as follows:

Grading Basis	Grading Basis Definition
A-F Grades Only	A-F Grades Only, Audit Not Allowed, Satisfactory/Unsatisfactory (S/U) Not Allowed
No Audit	Audit Not Allowed
No S/U Grade Option	Satisfactory/Unsatisfactory (S/U) Not Allowed
S/U Only Grade Basis	Satisfactory/Unsatisfactory (S/U) Grades Only

Accounting (ACCT)

ACCT 201 Principles of Accounting I (3 crs)

Prerequisite: Eligible for MATH 104 or above (MATH 104, MATH 106, MATH 108, MATH 109, MATH 111, MATH 112, MATH 113, MATH 114, MATH 184, MATH 246).

- *Not recommended for freshmen. Recommended completion of MATH 109 prior to enrollment in ACCT 201.*

An introduction to the principles and practices of accountancy applied to business organizations. Emphasis is on the uses of accounting information in decision-making by internal and external users.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 202 Principles of Accounting II (3 crs)

Prerequisite: Completion of ACCT 201 with a grade of C- or higher.

- *May not be taken concurrently with ACCT 201.*

Accounting 202 is a continuation of Accounting 201. Additional principles and practices of accountancy are introduced. Emphasis will continue to be placed on the uses of accounting information in decision-making by internal and external users.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 210 Service-Learning in Accounting (1 cr)

Consent: Instructor Consent Required

- *No credit toward accounting major.*

Students must complete a minimum of 15 hours of volunteer service. Service must be approved by faculty supervisor. A journal must be kept throughout project documenting service-learning project. The service-learning project must be completed within one calendar year (preferably one semester). Assignments outstanding longer than this will be graded unsatisfactory.

Attributes: Service-Learning, Half 15 Hours
Repeat: Course may be repeated for a maximum of 2 credits
Grading Basis: S/U Only Grade Basis

ACCT 301 Intermediate Accounting I (3 crs)

Prerequisite: ACCT 202. Limited to accounting majors and minors, and finance majors.

Development and implementation of the conceptual and practical aspects of valuation and income determination, time value of money, accounting changes, inventory valuation, and current and noncurrent assets. Special emphasis on GAAP as it relates to topics being covered.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 302 Intermediate Accounting II (3 crs)

Prerequisite: ACCT 301/ACCT 501

Development and implementation of the conceptual and practical aspects of valuation and income determination, with emphasis on intangible assets, retained earnings and contributed capital, earnings per share, pensions, leases, tax allocation, current and long-term liabilities, statement of cash flows, statement analysis, interim and segment reporting. Special emphasis on GAAP as it relates to topics being covered.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 305 Environmental and Sustainability Accounting (3 crs)

Prerequisite: ACCT 202. Minimum junior standing

An introduction to environmental accounting and its role in financial/managerial accounting. Topics include environmental liabilities, sustainability reporting, external agencies, and the attest function, socially responsible investing, emissions trading, tax considerations, and eco-efficiency indicators.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 312 Managerial Accounting (3 crs)

Prerequisite: ACCT 201, IS 240. Not open to accounting majors. Minimum junior standing. No credit after ACCT 314.

- *No credit toward accounting majors. This course requires access to a laptop computer which can be brought to class when required.*

Analysis and interpretation of accounting data approached from the managerial viewpoint, with emphasis on planning and control, and decision-making.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 313 Auditing (3 crs)

Prerequisite: ACCT 302/ACCT 502. Open only to accounting majors and minors. Minimum junior standing

- *This course requires access to a laptop computer which can be brought to class when required.*

Basic coverage of all steps in creating audit programs according to the audit risk model, and current issues in auditing. Specific coverage includes company risk evaluation, internal control, company analysis, and audit reporting.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 314 Cost Accounting (3 crs)

Prerequisite: ACCT 202, IS 240. Credit may only be earned in either ACCT 312 or ACCT 314. Limited to accounting or finance majors/minors. Minimum junior standing.

Principles of cost accounting, emphasizing analysis of materials, labor, and factory overhead; application of standard costing to job order and process cost systems; analysis of cost behavior in the manufacturing firm with exposure to cost-profit-volume relationships, break-even analysis, and direct costing.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 320 Individual Income Tax (3 crs)

• *Should not be taken by those required to complete ACCT 321 and ACCT 322.*

Introduction to the determination of taxable income of individuals, with emphasis on the reporting of tax data.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 321 Introduction to Income Tax (3 crs)

Prerequisite: ACCT 202. Limited to accounting majors and minors, and finance majors. Minimum junior standing.

Introduction and application of accounting and legal concepts underlying federal and Wisconsin income tax laws applicable to gross income, exclusions, business and non-business deductions, gains and losses, credits, and tax computations.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 334 Advanced Cost Accounting (3 crs)

Prerequisite: ACCT 314/ACCT 514

A continuation of Accounting 314/514, with special emphasis on managerial profit analysis, planning, and control; direct costs, distributed costs by-product and joint product costs; differential and comparative costs, and variances.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 395 Accounting Internship I (1-3 crs)

Prerequisite: ACCT 301/ACCT 501. Limited to accounting majors.

Consent: Department Consent Required

• *No credit toward accounting major.*

Internship experience in business situations relevant to the accounting major under supervision of a faculty member.

Attributes: LE-11 Integration, Internship, Special Course Fee Required

Grading Basis: A-F Grades Only

ACCT 401 Advanced Financial Accounting (3 crs)

Prerequisite: ACCT 302/ACCT 502, BCOM 206, BCOM 207. Minimum senior standing

Accounting for multiunit business enterprises; consolidated balance sheets, income statements, and statement of cash flows; Security and Exchange Commission reporting; foreign currency transactions and translation; international operations; and liquidation of partnerships.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 402 Contemporary Issues in Accounting (3 crs)

Prerequisite: ACCT 401/ACCT 601. ACCT 313/ACCT 513 or concurrent enrollment. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330.

An analysis of advanced accounting issues designed to provide a bridge between accounting "theory" and "practice."

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 404 Income Tax Assistance (2 crs)

Prerequisite: ACCT 301/ACCT 501, ACCT 321/ACCT 521, BCOM 206, BCOM 207. Minimum senior standing.

Course provides students with a practical application of individual income tax laws in conjunction with the IRS/Volunteer Income Tax Assistance program. Students will interview taxpayers, prepare and file tax returns at various sites.

Attributes: Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

ACCT 405 International Accounting (3 crs)

Prerequisite: ACCT 302/ACCT 502, BCOM 206, BCOM 207. Minimum senior standing.

A study of the international dimensions of accounting, including the patterns of accounting development found in other nations, the promulgation of worldwide accounting standards, and the accounting problems associated with multinational corporate operations.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 409 Seminar in Accounting (1-3 crs)

Prerequisite: BCOM 206, BCOM 207. Minimum senior standing.

An in-depth analysis of relevant accounting topics adapted to student and program needs with emphasis on student interests and faculty expertise.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

ACCT 410 Investment and Retirement Plan Accounting (3 crs)

Prerequisite: ACCT 302/ACCT 502, ACCT 321/ACCT 521, BCOM 206, BCOM 207.
Minimum senior standing.

Coverage of investment planning and advising for clients, retirement plan accounting, and tax considerations in retirement planning.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 415 Advanced Auditing and Consulting (3 crs)

Prerequisite: ACCT 313/ACCT 513, BCOM 206, BCOM 207. Minimum senior standing.

• *This course requires access to a laptop computer which can be brought to class when required.*

In-depth analysis of current audit topics and research, including legal liability, operational audits, audit effectiveness, environmental costs, and statistical sampling. Concentration includes EDP auditing.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 417 Governmental and Nonprofit Organization Accounting (3 crs)

Prerequisite: ACCT 302/ACCT 502, BCOM 206, BCOM 207. Minimum senior standing.

An introduction to accounting principles for governmental units; educational institutions; hospitals; voluntary health and welfare organizations; and other nonprofit organizations. Includes budgetary and financial reporting requirements of these organizations.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 419 Financial Accounting Theory (3 crs)

Prerequisite: ACCT 302/ACCT 502. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Minimum senior standing.

In-depth analysis of several selected problems of contemporary interest in the areas of valuation and income determination as related to the broader topics of concepts of income and formulation of accounting theory, with extensive readings of the Financial Accounting Standards and professional journal articles.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 420 Fraud Investigation and Prevention (3 crs)

Prerequisite: ACCT 302/ACCT 502, ACCT 313/ACCT 513, BCOM 206, BCOM 207.
Minimum senior standing.

• *This course requires access to a laptop computer which can be brought to class when required.*

Coverage of fraud methods, fraud investigation, and fraud prevention through internal controls. Emphasis on financial and asset misappropriation frauds.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 423 Advanced Tax Accounting (3 crs)

Prerequisite: ACCT 321/ACCT 521, BCOM 206, BCOM 207. Minimum senior standing.

Federal income taxation of entities including C corporations, S corporations, partnerships, trusts, and estates. Federal, estate, and gift taxation. Business and family tax planning.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 425 Ethics in Accounting (3 crs)

Prerequisite: ACCT 313/ACCT 513, BCOM 206, BCOM 207. Minimum senior standing.

An introduction to ethics and professional responsibility in accounting. Coverage includes models of ethical reasoning, ethical dilemmas in accounting, and creating solutions to those ethical dilemmas.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 430 Accounting Systems (3 crs)

Prerequisite: ACCT 302/ACCT 502, BCOM 206, BCOM 207. Limited to accounting majors and minors and IS majors and minors. Minimum senior standing.

• *This class requires access to a laptop computer which can be brought to class when required.*

Analysis, design, and documentation of accounting systems; includes transaction processing, internal accounting controls, data management, flowcharting, financial reporting, various types of technology, and ethical issues.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 435 Advanced Accounting Systems and IT Auditing (3 crs)

Prerequisite: ACCT 430/ACCT 630, BCOM 206, BCOM 207. Minimum senior standing.

- *This class requires access to a laptop computer which can be brought to class when required.*

This course provides an integrated accounting and information systems experience by using information systems knowledge to address accounting issues of internal control and computer auditing.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 444 Profit Management and Budgetary Control (3 crs)

Prerequisite: ACCT 302/ACCT 502, ACCT 314/ACCT 514, BCOM 206, BCOM 207.

Minimum senior standing.

- *This course requires access to a laptop computer which can be brought to class when required.*

Theory and procedures for profit planning; financial and operating budgets as managerial devices in coordination and control; program and operational budgeting and cost analysis.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 449 Accounting Theory and Research (3 crs)

Prerequisite: ACCT 313/ACCT 513, ACCT 314/ACCT 514, ACCT 321/ACCT 521, ACCT 401/ACCT 601, BCOM 206, BCOM 207. Minimum senior standing.

In-depth study of accounting theory (and research) including the conceptual framework and principles underlying all Accounting Standards. Students will use the accounting literature to research contemporary issues in accounting.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 450 Financial Statement Analysis (3 crs)

Prerequisite: ACCT 302/ACCT 502, ACCT 321/ACCT 521, BCOM 206, BCOM 207.

Open only to accounting majors and minors. Minor senior standing.

An in-depth study of the techniques of financial statement analysis. Topics will include ratio analysis, liquidity analysis, capital structure analysis, and profitability analysis.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 460 Accounting Information Systems and Technology (3 crs)

Prerequisite: ACCT 302, ACCT 314, ACCT 321. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Accounting Majors and Minors only. Minimum Senior standing

- *This class requires access to a laptop computer which can be brought to class when required.*

Analysis and design of accounting information systems, including internal controls, data extraction and management, spreadsheet applications, and reporting. Analysis and design of accounting information systems, including internal controls, data extraction and management, spreadsheet applications, and reporting.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 490 Accounting Honors Seminar (1 cr)

Consent: Department Consent Required

An in-depth analysis of relevant accounting topics adapted to student needs with emphasis on understanding relationships between different areas of accounting.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

ACCT 495 Accounting Internship II (1-3 crs)

Prerequisite: ACCT 302 Limited to accounting majors Minimum junior standing.

Consent: Department Consent Required

- *A maximum of three credits is allowed per semester of internship.*

Internship experience in business situations relevant to the accounting major under supervision of a faculty member.

Attributes: LE-11 Integration, Internship, Special Course Fee Required

Repeat: Course may be repeated for a maximum of 3 credits

Grading Basis: A-F Grades Only

ACCT 499 Independent Study (1-3 crs)

Prerequisite: ACCT 302 Minimum senior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

ACCT 501 Intermediate Accounting I (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with ACCT 301. Credit may not be earned in both courses.*

Development and implementation of the conceptual and practical aspects of valuation and income determination, time value of money, accounting changes, inventory valuation, and current and noncurrent assets. Special emphasis on GAAP as it relates to topics being covered.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 502 Intermediate Accounting II (3 crs)

Prerequisite: ACCT 301/ACCT 501. Limited to MBA students.

- *Cross-listed with ACCT 302. Credit may not be earned in both courses.*

Development and implementation of the conceptual and practical aspects of valuation and income determination, with emphasis on intangible assets, retained earnings and contributed capital, earnings per share, pensions, leases, tax allocation, current and long-term liabilities, statement of cash flows, statement analysis, interim and segment reporting. Special emphasis on GAAP as it relates to topics being covered.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 505 Environmental and Sustainability Accounting (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with ACCT 305. Credit may not be earned in both courses.*

An introduction to environmental accounting and its role in financial/managerial accounting. Topics include environmental liabilities, sustainability reporting, external agencies, and the attest function, socially responsible investing, emissions trading, tax considerations, and eco-efficiency indicators.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 513 Auditing (3 crs)

Prerequisite: ACCT 302/ACCT 502. Limited to MBA students.

- *Cross-listed with ACCT 313. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.*

Basic coverage of all steps in creating audit programs according to the audit risk model, and current issues in auditing. Specific coverage includes company risk evaluation, internal control, company analysis, and audit reporting.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 514 Cost Accounting (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with ACCT 314. Credit may not be earned in both courses.*

Principles of cost accounting, emphasizing analysis of materials, labor, and factory overhead; application of standard costing to job order and process cost systems; analysis of cost behavior in the manufacturing firm with exposure to cost-profit-volume relationships, break-even analysis, and direct costing.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 521 Introduction to Income Tax (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with ACCT 321. Credit may not be earned in both courses.*

Introduction and application of accounting and legal concepts underlying federal and Wisconsin income tax laws applicable to gross income, exclusions, business and nonbusiness deductions, gains and losses, credits, and tax computations.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 534 Advanced Cost Accounting (3 crs)

Prerequisite: ACCT 314/ACCT 514. Limited to MBA students.

- *Cross-listed with ACCT 334. Credit may not be earned in both courses.*

A continuation of Acct 314/514, with special emphasis on managerial profit analysis, planning, and control; direct costs, distributed costs by-product and joint product costs; differential and comparative costs, and variances.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 601 Advanced Financial Accounting (3 crs)

Prerequisite: ACCT 302/ACCT 502, BCOM 206, BCOM 207. Limited to MBA students.

- *Cross-listed with ACCT 401. Credit may not be earned in both courses.*

Accounting for multiunit business enterprises; consolidated balance sheets, income statements, and statement of cash flows; Security and Exchange Commission reporting; foreign currency transactions and translation; international operations; and liquidation of partnerships.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 602 Contemporary Issues in Accounting (3 crs)

Prerequisite: ACCT 401/ACCT 601, ACCT 313/ACCT 513 or concurrent enrollment. Limited to MBA students.

- *Cross-listed with ACCT 402. Credit may not be earned in both courses.*

An analysis of advanced accounting issues designed to provide a bridge between accounting "theory" and "practice."

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ACCT 604 Income Tax Assistance (2 crs)

Prerequisite: ACCT 301/ACCT 501, ACCT 321/ACCT 521, BCOM 206, BCOM 207.

Limited to MBA students.

- *Cross-listed with ACCT 404. Credit may not be earned in both courses.*

Course provides students with a practical application of individual income tax laws in conjunction with the IRS/Volunteer Income Tax Assistance program. Students will interview taxpayers, prepare and file tax returns at various sites.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

ACCT 605 International Accounting (3 crs)

Prerequisite: ACCT 302/ACCT 502, BCOM 206, BCOM 207. Limited to MBA students.

- *Cross-listed with ACCT 405. Credit may not be earned in both courses.*

A study of the international dimensions of accounting, including the patterns of accounting development found in other nations, the promulgation of worldwide accounting standards, and the accounting problems associated with multinational corporate operations.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 609 Seminar in Accounting (1-3 crs)

Prerequisite: BCOM 206, BCOM 207. Limited to MBA students.

- *Cross-listed with ACCT 409.*

An in-depth analysis of relevant accounting topics adapted to student and program needs with emphasis on student interests and faculty expertise.

Repeat: Course may be repeated for a maximum of 3 credits

Grading Basis: No S/U Grade Option

ACCT 610 Investment and Retirement Plan Accounting (3 crs)

Prerequisite: ACCT 302/ACCT 502, ACCT 321/ACCT 521, BCOM 206, BCOM 207.

Limited to MBA students.

- *Cross-listed with ACCT 410. Credit may not be earned in both courses.*

Coverage of investment planning and advising for clients, retirement plan accounting, and tax considerations in retirement planning.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 615 Advanced Auditing and Consulting (3 crs)

Prerequisite: ACCT 313/ACCT 513, BCOM 206, BCOM 207. Limited to MBA students.

- *Cross-listed with ACCT 415. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.*

In-depth analysis of current audit topics and research, including legal liability, operational audits, audit effectiveness, environmental costs, and statistical sampling. Concentration includes EDP auditing.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 617 Governmental and Nonprofit Organization Accounting (3 crs)

Prerequisite: ACCT 302/ACCT 502, BCOM 206, BCOM 207. Limited to MBA students.

- *Cross-listed with ACCT 417. Credit may not be earned in both courses.*

An introduction to accounting principles for governmental units; educational institutions; hospitals; voluntary health and welfare organizations; and other nonprofit organizations. Includes budgetary and financial reporting requirements of these organizations.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 619 Financial Accounting Theory (3 crs)

Prerequisite: ACCT 302/ACCT 502. Limited to MBA students.

- *Cross-listed with ACCT 419. Credit may not be earned in both courses.*

In-depth analysis of several selected problems of contemporary interest in the areas of valuation and income determination as related to the broader topics of concepts of income and formulation of accounting theory, with extensive readings of the Financial Accounting Standards and professional journal articles.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 620 Fraud Investigation and Prevention (3 crs)

Prerequisite: ACCT 302/ACCT 502, ACCT 313/ACCT 513, BCOM 206, BCOM 207. Limited to MBA students.

- *Cross-listed with ACCT 420. Credit may not be earned in both courses.*

Lab/studio Hours: 0 Coverage of fraud methods, fraud investigation, and fraud prevention through internal controls. Emphasis on financial and asset misappropriation frauds.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

ACCT 623 Advanced Tax Accounting (3 crs)

Prerequisite: ACCT 321/ACCT 521, BCOM 206, BCOM 207. Limited to MBA students.

- *Cross-listed with ACCT 423. Credit may not be earned in both courses.*

Federal income taxation of entities including C corporations, S corporations, partnerships, trusts, and estates. Federal, estate, and gift taxation. Business and family tax planning.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 625 Ethics in Accounting (3 crs)

Prerequisite: ACCT 313/ACCT 513, BCOM 206, BCOM 207. Limited to MBA students.

- *Cross-listed with ACCT 425. Credit may not be earned in both courses.*

An introduction to ethics and professional responsibility in accounting. Coverage includes models of ethical reasoning, ethical dilemmas in accounting, and creating solutions to those ethical dilemmas.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 630 Accounting Systems (3 crs)

Prerequisite: ACCT 302/ACCT 502, BCOM 206, BCOM 207. Limited to MBA students.

- *Cross-listed with ACCT 430. Credit may not be earned in both courses. This class requires access to a laptop computer which can be brought to class when required.*

Analysis, design, and documentation of accounting systems; includes transaction processing, internal accounting controls, data management, flowcharting, financial reporting, various types of technology, and ethical issues.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 635 Advanced Accounting Systems and IT Auditing (3 crs)

Prerequisite: ACCT 430/ACCT 630, BCOM 206, BCOM 207. Limited to MBA students.

- *Cross-listed with ACCT 435. Credit may not be earned in both courses. This class requires access to a laptop computer which can be brought to class when required.*

This course provides an integrated accounting and information systems experience by using information systems knowledge to address accounting issues of internal control and computer auditing.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 644 Profit Management and Budgetary Control (3 crs)

Prerequisite: ACCT 302/ACCT 502, ACCT 314/ACCT 514, BCOM 206, BCOM 207. Limited to MBA students.

- *Cross-listed with ACCT 444. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.*

Theory and procedures for profit planning; financial and operating budgets as managerial devices in coordination and control; program and operational budgeting and cost analysis.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 649 Accounting Theory and Research (3 crs)

Prerequisite: ACCT 313/ACCT 513, ACCT 314/ACCT 514, ACCT 321/ACCT 521, ACCT 401/ACCT 601, BCOM 206, BCOM 207. Limited to MBA students.

- *Cross-listed with ACCT 449. Credit may not be earned in both courses.*

In-depth study of accounting theory (and research) including the conceptual framework and principles underlying all Accounting Standards. Students will use the accounting literature to research contemporary issues in accounting.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 650 Financial Statement Analysis (3 crs)

Prerequisite: ACCT 302/ACCT 502, ACCT 321/ACCT 521, BCOM 206, BCOM 207. Limited to MBA students.

- *Cross-listed with ACCT 450. Credit may not be earned in both courses.*

An in-depth study of the techniques of financial statement analysis. Topics will include ratio analysis, liquidity analysis, capital structure analysis, and profitability analysis.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 660 Accounting Information Systems and Technology (3 crs)

Prerequisite: ACCT 302/ACCT 502, ACCT 314/ACCT 514, and ACCT 321/ACCT 521. Limited to MBA students.

- *Cross-listed with ACCT 460. Credit may not be earned in both courses. This class requires access to a laptop computer which can be brought to class when required.*

Analysis and design of accounting information systems, including internal controls, data extraction and management, spreadsheet applications, and reporting.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 703 Accounting Foundations for Business Decisions (2 crs)

Prerequisite: Limited to MBA students.

- *Not for MBA degree credit. ACCT 703 may be taken concurrently with ACCT 704. No credit if taken after ACCT 201.*

Examination of basic financial statements and accounting systems. Emphasis on statement analysis, cash flows, inventory methods, long-term assets and tax considerations. Capital markets, financing, and other liabilities will be covered.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ACCT 704 Accounting Foundations for Management Decisions (1 cr)

Prerequisite: ACCT 703 or equivalent, or concurrently with ACCT 704. Limited to MBA students.

- *Not for MBA degree credit. ACCT 704 may be taken concurrently with ACCT 703.*

An overview of accounting information needed for informed management decisions. Topics include cost concepts and behavior, product costing, allocation, and budgeting.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

ACCT 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

American Indian Studies (AIS)

AIS 101 Introduction to American Indian History and Cultures (3 crs)

Introduction to the different disciplinary perspectives available for the study of American Indian cultures, with an emphasis on history, anthropology, and law.

Attributes: Cultural Diversity 3 cr., GE III Social Science-Interdisciplinary Study, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

AIS 102 Introduction to American Indian Expressive Cultures (3 crs)

Introduction to a broad range of American Indian expressive cultures, from traditional to contemporary forms, in art, literature, oral traditions, music, and film.

Attributes: Cultural Diversity 3 cr., GE IVE Humanities-Interdisciplinary Studies, LE-DDIV Design for Diversity, LE-K4 Fine Arts, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

AIS 111 Studies in American Indian Languages I (4 crs)

Introduction to American Indian language families and concentrated study of one specific language within its cultural context, with emphasis on speaking and listening skills. (For specific languages, see current Class Schedule.)

Attributes: Cultural Diversity 3 cr., GE IA Communication-Language Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 1

AIS 112 Studies in American Indian Languages II (4 crs)

Prerequisite: AIS 111

Continuation of American Indian Languages I, with additional attention paid to dialect diversity, and competing writing systems. (For specific languages, see current Class Schedule.)

Attributes: Cultural Diversity 3 cr., GE IA Communication-Language Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 1

AIS 121 Beginning Ojibwe (4 crs)

- *Credit may not be earned in both FLG 121 and AIS 121 or LANG 121 and AIS 121. No credit if credit has been earned in AIS 111 when offered as Ojibwe I.*

A foundation in spoken and written Ojibwe language, listening and reading comprehension, grammatical usage, and the cultural backgrounds and experiences of Ojibwe people.

Attributes: Cultural Diversity 3 cr., GE IA Communication-Language Arts, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1

AIS 122 Beginning Ojibwe II (4 crs)

Prerequisite: LANG 121/AIS 121

- *Credit may not be earned in both FLG 122 and AIS 122 or LANG 122 and AIS 122. No credit if credit has been earned in AIS 112 when offered as Ojibwe II.*

Continuation of Beginning Ojibwe I. Further developing elementary speaking, writing, and reading Ojibwe language skills.

Attributes: Cultural Diversity 3 cr., GE IA Communication-Language Arts, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1

AIS 142 Introduction to American Indian Literatures (3 crs)

Prerequisite: Not available for juniors or seniors.

- *Credit may not be earned in both ENGL 142 and AIS 142 or if taken after ENGL 346 or AIS 346.*

A study of the literatures by and about American Indians, with special attention to the cultural background.

Attributes: Cultural Diversity 3 cr., GE IVD Humanities-Literature
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

AIS 161 Introduction to Cultural Anthropology (3 crs)

• *Credit may not be earned in both ANTH 161 and AIS 161.*

Culture as the human means of environmental adaptation. Explores cross-cultural regularities and the range of variation in human behavior. Comparison of widely different economic, social, political, and religious systems.

Attributes: Foreign Culture, GE IIIA Social Science-Anthropology, LE-K2 Social Sciences

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

AIS 221 Intermediate Ojibwe (4 crs)

Prerequisite: FLG 122/AIS 122 or LANG 122/AIS 122.

• *Credit may not be earned in both LANG 221 and AIS 221.*

Continuation of Beginning Ojibwe II. Build on speaking, listening, and reading skills. Learn techniques for using Ojibwe in everyday life.

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

AIS 222 Intermediate Ojibwe II (4 crs)

Prerequisite: LANG 221/AIS 221

• *Credit may not be earned in both LANG 222 and AIS 222.*

Continuation of Intermediate Ojibwe I. Focuses on developing skills necessary to aid language revitalization efforts.

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

AIS 240 American Indian History (3 crs)

• *Credit may not be earned in both HIST 240 and AIS 240.*

An introduction to the history of the native peoples of the United States with major emphasis upon European contact, the mutual interaction of European and American Indian cultures, and the resulting adaptations and conflicts.

Attributes: Cultural Diversity 3 cr., GE IVC Humanities-History, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

AIS 242 The American Indian in Literature and Film (3 crs)

• *Credit may not be earned in both ENGL 242 and AIS 242.*

A critical, cultural examination of the origins and evolution of film images of American Indians; analysis based on study and application of film techniques as well as literary and historical textual analysis.

Attributes: Cultural Diversity 3 cr., GE IVD Humanities-Literature, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

AIS 243 Introduction to Contemporary American Indian Communities (3 crs)

Prerequisite: No credit if taken after AIS 343.

Prepares students for intercultural immersion experiences through an introduction to American Indian cultural practices and key federal policies that have shaped contemporary societies.

Attributes: Cultural Diversity 3 cr., GE V University Wide, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

AIS 250 American Indian Politics (3 crs)

• *Credit may not be earned in both POLS 250 and AIS 250.*

The course will examine the recent trends in American Indian politics beginning with the American Indian Movement through the present. The course will include topics on tribal sovereignty, legalized gambling, and tribal government.

Attributes: Cultural Diversity 3 cr., GE IIID Social Science-Political Science

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

AIS 291 Special Topics (1-4 crs)

Consent: Instructor Consent Required

Topics will be determined by specific themes related to American Indian Studies by instructor and program director, and based upon student interest and need.

Repeat: Course may be repeated for a maximum of 9 credits

AIS 319 North American Indian Music (3 crs)

• *Credit may not be earned in both MUSI 319 and AIS 319.*

A survey of North American Indian music in contemporary and historical contexts.

Attributes: Cultural Diversity 3 cr., GE IVA Humanities-Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

AIS 322 Native Geographies (3 crs)

• *Credit may not be earned in both GEOG 322 and AIS 322.*

The historical and contemporary relationships of American Indians to place, including land use and environmental issues, indigenous mapping techniques, sacred sites, territorial nationhood, and legal rights to ceded and sovereign lands. The course also provides insight into the unique cultures of indigenous peoples around the world.

Attributes: Cultural Diversity 3 cr., GE IIIC Social Science-Geography, Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

AIS 324 Survey of North American Indian Art (3 crs)

Prerequisite: One AIS or ARTH or ART course or consent of instructor. Minimum sophomore standing.

- *Credit may not be earned in both ARTH 324 and AIS 324.*

A survey of North American Indian artwork in contemporary and historical contexts.

Attributes: Foreign Culture, Cultural Diversity 2 cr., GE IVA Humanities-Fine Arts, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

AIS 325 North American Indians (3 crs)

- *Credit may not be earned in both ANTH 325 and AIS 325. Previous completion of ANTH 161/AIS 161 is strongly recommended prior to enrollment in this course.*

Comparative analysis, by culture area, of traditional American Indian economies, social and political organization, religion and philosophy. Impact of European colonization and control on traditional cultures.

Attributes: Cultural Diversity 3 cr., GE IIIA Social Science-Anthropology
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

AIS 330 Indigenous Religions of the Americas (3 crs)

Prerequisite: One course in RELS, PHIL, AIS, LAS, or consent of instructor.

- *Credit may not be earned in both RELS 330 and AIS 330.*

This course will introduce indigenous religions in the cultural contexts of Latin America and North American Indian nations. It will study historical religious development from Pre-Columbian, through colonial experience, to present day cultural movements.

Attributes: Foreign Culture, Cultural Diversity 2 cr., GE IVB Humanities-Philosophy/Religious Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

AIS 335 Ancient Art and Architecture of Mexico and Central America (3 crs)

Prerequisite: One ART, ARTH, AIS, or LAS course or consent of instructor.

- *Credit may not be earned in both ARTH 335 and AIS 335.*

A study of the art and architecture of ancient Mexico and Central America between 2000 BCE--1600 CE. Focus is on the materials, techniques, styles, and iconography of the art and architecture in relation to the contexts of production, use, and reception.

Attributes: Foreign Culture, GE IVA Humanities-Fine Arts, LE-K4 Fine Arts, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

AIS 337 Art of Tawantinsuyo (3 crs)

Prerequisite: One course in AIS, ART, ARTH or LAS or consent of instructor.

- *Credit may not be earned in both ARTH 337 and AIS 337.*

A study of historical and contemporary art by indigenous artists of Tawantinsuyo, the Quechua name of the Inka empire in western South America. Emphasis is placed on textiles, yet metals and ceramics are also topics.

Attributes: Foreign Culture, GE IVA Humanities-Fine Arts, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

AIS 343 Contemporary American Indian Communities (3 crs)

Prerequisite: AIS 101 or AIS 102 or consent of instructor.

Preparation for future study in AIS and/or work in American Indian communities by providing skills to work with communities toward mutually beneficial goals. Learn challenges facing American Indian communities and successful initiatives combatting those challenges. Travel required.

Attributes: Cultural Diversity 3 cr., GE IIIG Social Science-Interdisciplinary Study, Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required
Grading Basis: A-F Grades Only
Lab/Studio Hours: 0
Seminar Hours: 3

AIS 345 American Indian Autobiography (3 crs)

Prerequisite: Three credits of Engl Lit (GE-IVD) or one of the following: AIS 101, AIS 102, AIS 111, AIS 112, AIS 480, AIS 240 or HIST 240, AIS 250 or POLS 250, AIS 324 or ARTH 324, AIS 325 or ANTH 325, AIS 368 or HIST 368, AIS 369 or HIST 369 or consent of instructor

- *Credit may not be earned in both ENGL 345 and AIS 345.*

Explores evolving forms and political implications of the creation and production of American Indian autobiographies and collaborative personal narratives.

Attributes: Cultural Diversity 3 cr., GE IVD Humanities-Literature
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

AIS 346 Major Works in American Indian Literature (3 crs)

Prerequisite: Three credits of Engl Lit (GE-IVD) or one of the following: AIS 101, AIS 102, AIS 111, AIS 112, AIS 480, AIS 240 or HIST 240, AIS 250 or POLS 250, AIS 324 or ARTH 324, AIS 325 or ANTH 325, AIS 368 or HIST 368, AIS 369 or HIST 369 or consent of instructor

- *Credit may not be earned in both ENGL 346 and AIS 346.*

Major and supporting works of American Indian literature, from oral and written sources.

Attributes: Cultural Diversity 3 cr., GE IVD Humanities-Literature
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

AIS 368 Studies in American Indian History (1-3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

- *Course may be repeated when topic differs for a maximum of nine credits. Consult Class Schedule or department office for current offering.*

Selected topics depending on student and staff interests. Possible topics include the history of Wisconsin Indians and American Indians in the twentieth century. Consult class schedule or department office for current offering.

Attributes: Cultural Diversity Variable, GE IVC Humanities-History, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 9 credits

AIS 369 Wisconsin Indian History (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

- *Credit may not be earned in both HIST 369 and AIS 369.*

Study of American Indian communities in Wisconsin with emphasis on the mix of continuity and change in response to outside forces.

Attributes: Cultural Diversity 3 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

AIS 374 Ojibwe Women, Ecofeminism, and Botanical Knowledge (3 crs)

- *Credit may not be earned in both WMNS 374 and AIS 374.*

Students learn about the life-long association of Anishinaabe women and plants of their environment, how plants surround their entire lives, and how they interact with plants on physical, spiritual, and metaphysical levels.

Attributes: Cultural Diversity 3 cr., GE IIIG Social Science-Interdisciplinary Study, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

AIS 395 Directed Studies (1-3 crs)

Prerequisite: Limited to American Indian Studies majors and minors.

Consent: Department Consent Required

Study of problem or topic related to American Indian Studies.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

AIS 399 Independent Study (1-3 crs)

Prerequisite: Limited to American Indian Studies majors and minors. Minimum sophomore standing. Required GPA of 3.00 within the major.

Consent: Department Consent Required

Original individual research or studies related to American Indian Studies.

Repeat: Course may be repeated

AIS 444 Indigenous Theory and Methodologies (3 crs)

Prerequisite: AIS 101, AIS 102, AIS 343

Consent: Instructor Consent Required

- *Field trips recommended.*

Introduction to Indigenous theory and methods of critical practice within the discipline. Emphasis on active research and critical analysis of current texts, discussions, and issues within Indigenous scholarship.

Attributes: Cultural Diversity 3 cr., Undergraduate/Graduate Offering

Seminar Hours: 3

AIS 480 Capstone (3 crs)

Prerequisite: AIS 101, AIS 102, AIS 343, and AIS 444. Limited to American Indian Studies majors and minors. Minimum junior standing.

Consent: Department Consent Required

The capstone course asks a student to integrate previous learning in American Indian Studies to produce a major research project or creative activity within a seminar format. Some travel to an American Indian community is likely.

Attributes: Service-Learning, Full 30 Hours, Capstone Course

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

AIS 491 Special Topics (1-3 crs)

Topics will be determined by specific themes related to American Indian Studies by instructor and program director, and based upon student interest and need. Possible topics include treaty rights conflicts, tribal sovereignty, Indian mascots and logos, and studies in American Indian authors.

Repeat: Course may be repeated for a maximum of 9 credits

AIS 498 Internship (1-3 crs)

Prerequisite: 24 credits in American Indian Studies. Limited to American Indian Studies majors.

Consent: Department Consent Required

Supervised assignment outside of the University to health or education institutions or agencies, to American Indian communities, to research institutions, to museums, cultural institutions, or other determined by supervising instructor.

Attributes: Service-Learning, Full 30 Hours, Internship

AIS 499 Independent Study (1-3 crs)

Prerequisite: Limited to American Indian Studies majors and minors. Minimum senior standing. Required GPA of 3.00 within the major.

Consent: Department Consent Required

Original individual research or studies related to American Indian Studies.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

AIS 522 Native Geographies (3 crs)

- Cross-listed with AIS 322 and GEOG 322/GEOG 522. Credit may only be earned in one of these courses.

The historical and contemporary relationships of American Indians to place, including land use and environmental issues, indigenous mapping techniques, sacred sites, territorial nationhood, and legal rights to ceded and sovereign lands. The course also provides insight into the unique cultures of indigenous peoples around the world.

Attributes: Field Trip(s) Required, Special Course Fee Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

AIS 543 Contemporary American Indian Communities (3 crs)

- Prerequisite: AIS 101 or AIS 102 or consent of instructor.
- Cross-listed with AIS 343. Credit may not be earned in both courses.

Preparation for future study in AIS and/or work in American Indian communities by providing skills to work with communities toward mutually beneficial goals. Learn challenges facing American Indian communities and successful initiatives combatting those challenges. Travel required.

Attributes: Special Course Fee Required
Grading Basis: A-F Grades Only
Lab/Studio Hours: 0
Seminar Hours: 3

AIS 568 Studies in American Indian History (1-3 crs)

- Cross-listed with AIS 368 and HIST 368/HIST 568. Course may be repeated when topic differs for a maximum of nine credits. Consult Class Schedule or department office for current offering.

Selected topics depending on student and staff interests. Possible topics include the history of Wisconsin Indians and American Indians in the twentieth century. Consult class schedule or department office for current offering.

Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option

AIS 569 Wisconsin Indian History (3 crs)

- Cross-listed with AIS 369 and HIST 369/HIST 569. Credit may only be earned in one of these courses.

Study of American Indian communities in Wisconsin with emphasis on the mix of continuity and change in response to outside forces.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

AIS 595 Directed Studies (1-3 crs)

- Consent: Department Consent Required
- Cross-listed with AIS 395.

Study of problem or topic related to American Indian Studies.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

AIS 644 Indigenous Theory and Methodologies (3 crs)

Prerequisite: AIS 101, AIS 102, and AIS 343.

Consent: Instructor Consent Required

- Cross-listed with AIS 444. Credit may not be earned in both courses. Field trips recommended.

Introduction to Indigenous theory and methods of critical practice within the discipline. Emphasis on active research and critical analysis of current texts, discussions, and issues within Indigenous scholarship.

Grading Basis: No S/U Grade Option
Seminar Hours: 3

AIS 699 Independent Study (1-3 crs)

Consent: Department Consent Required

- Cross-listed with AIS 499.

Original individual research or studies related to American Indian Studies.

Grading Basis: No S/U Grade Option

Anthropology (ANTH)

ANTH 161 Introduction to Cultural Anthropology (3 crs)

- Credit may not be earned in both ANTH 161 and AIS 161.

Culture as the human means of environmental adaptation. Explores cross-cultural regularities and the range of variation in human behavior. Comparison of widely different economic, social, political, and religious systems.

Attributes: Foreign Culture, GE IIIA Social Science-Anthropology, LE-K2 Social Sciences

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ANTH 165 Introduction to Physical Anthropology (3 crs)

Investigates human biocultural evolution, through comparative analysis of fossils, contemporary primates, and genetics.

Attributes: GE IIIA Social Science-Anthropology
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ANTH 169 Introduction to Archaeology (3 crs)

Human cultural prehistory as inferred from archaeological evidence, from the earliest Pleistocene cultures to the development of urban life. Explores archaeological methods and techniques.

Attributes: GE IIIA Social Science-Anthropology
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ANTH 291 Special Topics (1-3 crs)

Topics will vary depending on interests of students and faculty.

ANTH 312 Space, Society, Subject (3 crs)

Prerequisite: Sophomore standing or instructor consent

- *Credit may not be earned in both ANTH 312 and GEOG 312.*

Broad introduction to social theory in anthropology and geography with an emphasis on contemporary theoretical approaches to social, spatial, and cultural dynamics and their intersections.

Attributes: Cultural Diversity 1 cr., GE IIIA Social Science-Anthropology, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 1

Seminar Hours: 2

ANTH 315 Language in Culture and Society (3 crs)

Examination of the rules and patterns for speech behavior in a variety of cultures. Language as an expression of social status, gender, and group membership. Study of multilingualism and language planning.

Attributes: Foreign Culture, Cultural Diversity 1 cr., GE IIIA Social Science-Anthropology, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ANTH 325 North American Indians (3 crs)

- *Credit may not be earned in both ANTH 325 and AIS 325. Previous completion of ANTH 161/AIS 161 is strongly recommended prior to enrollment in this course.*

Comparative analysis, by culture area, of traditional American Indian economies, social and political organization, religion and philosophy. Impact of European colonization and control on traditional cultures.

Attributes: Cultural Diversity 3 cr., GE IIIA Social Science-Anthropology

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ANTH 351 Cross-Cultural Dynamics (3 crs)

- *Credit may not be earned in both ANTH 351 and GEOG 351.*

Preparation for study, work, or travel abroad. Study of cultural differences in values, customs, and communication styles. Consideration of the process of adjustment to a foreign culture and the problems of intercultural communication.

Attributes: Foreign Culture, GE IIIA Social Science-Anthropology

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ANTH 355 Peoples of Africa (3 crs)

Comparative study of traditional sub-Saharan African forms of social groupings, political organization, and religions and philosophies. Consideration of the impact of economic development, neocolonialism, and globalization on traditional cultures.

Attributes: Foreign Culture, GE IIIA Social Science-Anthropology

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ANTH 356 Women in Cross-Cultural Perspective (3 crs)

- *Credit may not be earned in both ANTH 356 and WMNS 356.*

Study of women's domestic, social, economic, political, and religious roles in a broad range of the world's societies. Examination of the historical development of women's roles and contemporary changes.

Attributes: Foreign Culture, GE IIIA Social Science-Anthropology, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ANTH 395 Directed Studies (1-3 crs)

Prerequisite: Six credits in Anthropology. Minimum resident GPA of 2.50.

Consent: Department Consent Required

Directed study of an anthropological problem approved by the supervising instructor and department chair.

Repeat: Course may be repeated

ANTH 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

An intensive study of an anthropological topic resulting in a quality paper or report.

Repeat: Course may be repeated

ANTH 422 Anthropology of Law (3 crs)

Prerequisite: Minimum junior standing.

The scientific study of comparative law. Examines and analyzes a wide variety of legal systems, plus theories of law, legal change, change of legal systems, and justice.

Attributes: GE IIIA Social Science-Anthropology, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ANTH 432 Anthropological Fieldwork Methods and Research Design (3 crs)

Prerequisite: ANTH 161; 300-level cultural anthropology course or may be taken concurrently (ANTH 315, ANTH 325, ANTH 345, ANTH 351, ANTH 355 or ANTH 356).

Consent: Instructor Consent Required

This seminar offers a broad introduction to the subject of fieldwork in sociocultural anthropology, with the goal of training students to undertake independent research. Foci include methodology, field experience, and outstanding research examples.

Attributes: Foreign Culture, Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lab/Studio Hours: 0

Seminar Hours: 3

ANTH 463 Religion and Culture (3 crs)

Prerequisite: ANTH 161/AIS 161

Examination of the nature of human religious expression in cross-cultural contexts. Focus on the ways that people use myths, symbols, and rituals in both oral and written traditions.

Attributes: Cultural Diversity 1 cr., GE IIIA Social Science-Anthropology

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ANTH 491 Special Topics (1-3 crs)

Prerequisite: Minimum junior standing.

Topics will vary depending on interests of students and faculty. Proposed topics include American Indian religion and philosophy.

Repeat: Course may be repeated for a maximum of 9 credits

ANTH 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

An intensive study of an anthropological topic resulting in a quality paper or report.

Repeat: Course may be repeated

ANTH 512 Space, Society, Subject (3 crs)

• *Cross-listed with ANTH 312 AND GEOG 312/GEOG 512. Credit may only be earned in one of these courses.*

Broad introduction to social theory in anthropology and geography with an emphasis on contemporary theoretical approaches to social, spatial, and cultural dynamics and their intersections.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Seminar Hours: 2

ANTH 515 Language in Culture and Society (3 crs)

• *Cross-listed with ANTH 315. Credit may not be earned in both courses.*

Examination of the rules and patterns for speech behavior in a variety of cultures. Language as an expression of social status, gender, and group membership. Study of multilingualism and language planning.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ANTH 556 Women in Cross-Cultural Perspective (3 crs)

• *Cross-listed with ANTH 356 AND WMNS 356/WMNS 556. Credit may only be earned in one of these courses.*

Study of women's domestic, social, economic, political, and religious roles in a broad range of the world's societies. Examination of the historical development of women's roles and contemporary changes.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ANTH 622 Anthropology of Law (3 crs)

• *Cross-listed with ANTH 422. Credit may not be earned in both courses.*

The scientific study of comparative law. Examines and analyzes a wide variety of legal systems, plus theories of law, legal change, change of legal systems, and justice.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ANTH 632 Anthropological Fieldwork Methods and Research Design (3 crs)

Prerequisite: ANTH 161; 300-level cultural anthropology course or may be taken concurrently (ANTH 315, ANTH 325, ANTH 345, ANTH 351, ANTH 355 or ANTH 356).

Consent: Instructor Consent Required

• *Cross-listed with ANTH 432. Credit may not be earned in both courses.*

This seminar offers a broad introduction to the subject of fieldwork in sociocultural anthropology, with the goal of training students to undertake independent research. Foci include methodology, field experience, and outstanding research examples.

Grading Basis: A-F Grades Only

Lab/Studio Hours: 0

Seminar Hours: 3

Art (ART)

ART 105 Introduction to the Visual Arts (3 crs)

• *Elective credit toward an art major or minor.*

Lecture course developing awareness and appreciation of the visual arts through the study of works of art, artists, theories, methods and the components of art, all within a cultural and historical framework.

Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ART 106 Introduction to the Visual Arts (Studio) (2 crs)

• *Not for art majors or minors.*

A studio course developing awareness of art forms through studio experience in various media.

Attributes: GE IVA Humanities-Fine Arts, Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 4

ART 107 Foundations: Drawing and Composition (3 crs)

Prerequisite: Limited to art majors and minors.

An introduction to freehand descriptive drawing and visual composition using a variety of materials and techniques. Using drawing processes to solve problems and express ideas. Prerequisite for all studio art courses numbered 200 and above.

Attributes: Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 108 Foundations: Color and Composition (3 crs)

Developing an understanding and use of color and effective visual composition in art. Prerequisite for many studio art courses.

Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 110 Foundations: Three-Dimensional Art (3 crs)

Prerequisite: Limited to art majors and minors.

Introduction to the materials, methods, and history of 3-D art emphasizing an understanding of 3-D concepts in sculptural materials. The course provides a foundation in making 3-D art forms.

Attributes: Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 240 Drawing: Contemporary Abstraction (3 crs)

Prerequisite: Two of the following: ART 107, ART 108, ART 110; or consent of instructor.

Drawing from topics at the intermediate level, observation, theory, media, form, and content with an emphasis on developing a personal vision.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 241 Life Drawing I (3 crs)

Prerequisite: Two of the following: ART 107, ART 108, ART 110; or consent of instructor. Limited to art majors and minors.

An introduction to technical approaches to drawing the figure and conceptual ways of visualizing the figure.

Attributes: Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 244 Introduction to Painting (3 crs)

Prerequisite: ART 107 and ART 108, or department approval

Exploration of painting, introducing the technical and expressive nature of the painting medium in relation to subject and concept.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 247 Water-Media I (3 crs)

Prerequisite: ART 107 and ART 108. No credit if taken after ART 347.

Introduction to working with water-based media. Initial instruction will include watercolor and painting from observation. Later assignments will include other water-based media and involve more conceptual approaches to image making.

Attributes: Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 249 Introduction to Prints (3 crs)

Prerequisite: ART 107 and ART 108 or department approval.

• *Students may not elect this course if they have taken more than one print course in previous semesters.*

An introductory studio course exploring a range of approaches and possibilities in four basic printmaking areas, including relief, intaglio, lithography, and serigraphy.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 250 Printmaking - Relief-Beginning (3 crs)

Prerequisite: ART 107 and ART 108, or department approval.

Assignments present introductory experiences with linocut and woodblock print processes. Selection of wood grain, cutting tools, color ink mixing, and registration; subtractive color printing and past and contemporary printmakers are studied.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 251 Printmaking - Intaglio-Beginning (3 crs)

Prerequisite: ART 107 and ART 108, or department approval.

An introductory studio course in prints on paper from inked incisions of a variety of base plates.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 252 Printmaking - Serigraphy-Beginning (3 crs)

Prerequisite: ART 107 and ART 108, or department approval.

Studio course exploring the silk screen process using a variety of stencil techniques.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 253 Printmaking - Lithography-Beginning (3 crs)

Prerequisite: ART 107 and ART 108, or department approval.

Studio course directed toward the lithographic process, including the use of the wax crayon, tusche method, and other experimental approaches.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 264 Sculpture I (3 crs)

Prerequisite: ART 107 and ART 110.

A studio introduction which explores a variety of techniques and concepts relating to contemporary sculpture.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 274 Graphic Design I: Compositional Principles of Graphic Design (3 crs)

Prerequisite: ART 107 and ART 108, or department approval.

Consent: Department Consent Required

- *CS 100 is recommended prior to enrollment in this course. Web Design minors need only instructor's permission.*

Lecture/studio course which establishes a base for two-dimensional design, visual perception, and the interrelationship of design communication with society. Expressions via electronic media and graphic software will be explored.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 275 Graphic Design II: Typography (3 crs)

Prerequisite: ART 274 or ART 312.

Introduction to the basic principles, practices, and history of lettering and typographical letterform structures as it relates to graphic design.

Attributes: LE-S3 Creativity, Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 276 Graphic Design III: Symbolism (3 crs)

Prerequisite: ART 274

Studio course investigating the potential of symbolic imagery. Visual metaphors (simple to complex) and their significance to graphic communications are applied. Visitations to studios and agencies involved with the production of such imagery can be expected.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 278 3-D Computer Modeling (3 crs)

Prerequisite: Two of the following: ART 107, ART 108, ART 110; or consent of instructor. No credit if taken after ART 491 titled Comp 3-D Animation.

An introductory course exploring 3-D computer image making techniques in modeling, lighting, and rendering as well as learning digital 3-D animation concepts and processes.

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 281 Introduction to Photography as an Art Form (3 crs)

A studio art course in creating photographs. Includes: concepts, analysis of works and development of composition and technique. Camera work, image processing, professional printing. Digitally based, color and black and white.

Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity, Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 291 Special Topics (1-3 crs)

Consent: Instructor Consent Required

Topics depend on interests of students and faculty and are not typically covered in regular art studio courses. Topics may be specific media concerns, art subjects, artmaking procedures, contemporary art concerns, or other issues.

ART 300 Art in Elementary/Middle Level School (3 crs)

Prerequisite: ES 203 or SPED 205.

- *Not for art majors or minors except those seeking add-on licensure for Art/Special Education teaching (ART 106 not required for these students).*

Studio/discussion course involving study of child/middle level artistic development and examination of theory and practices in teaching art and Art Heritage.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

ART 304 Fundamentals of Art Education (3 crs)

Prerequisite: ART 107, ART 108, ART 110, and ARTH 109. Limited to liberal arts art majors and art education majors

An entry-level art education course for students considering becoming art educators. Theories and practices from art education praxis will be introduced and applied to teaching and learning and integrated with studio methodologies.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 312 Computer Graphics (3 crs)

- *For students in art education, general fine arts, and non-art majors. No credit for students majoring in graphic design. CS 100 is recommended prior to enrollment in this course.*

Beginning concepts in typography, illustration, and page layout taught with current professional software and computers.

Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts, LE-S3 Creativity,

Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 332 Illustration Narratives (3 crs)

Prerequisite: ART 241 and ART 244. Limited to art majors and minors.

An exploration of text and images and visual narrative within the context of contemporary illustration.

Attributes: Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 340 Drawing: Conceptual Practices (3 crs)

Prerequisite: Two of the following: ART 107, ART 108, ART 110.

Contemporary approaches to drawing at the intermediate level with a focus on interdisciplinary concepts including collaboration, electronic media, and animation.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 341 Life Drawing II (3 crs)

Prerequisite: ART 110 and ART 241.

Studio course emphasizing personal expression in drawing the human body. Various media employed in depicting the live model in changing environments.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 342 Illustration Editorials (3 crs)

Prerequisite: ART 241 and ART 244.

Illustration course concerned with news editorial markets, promotional markets, and current events. Collaboration with at least one local venue is offered.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 344 Painting: Space and Process (3 crs)

Prerequisite: ART 110 and ART 244

Studio course for the intermediate student exploring materials, techniques, processes and their relationships to pictorial and physical space.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 347 Water-Media Process (3 crs)

Prerequisite: ART 247 or ART 244.

An intermediate exploration of water-media placing emphasis on material processes and material experimentation.

Attributes: Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 348 Water-Media Themes (3 crs)

Prerequisite: ART 247 or ART 244.

An intermediate water-media course placing emphasis on building conceptual and thematic frameworks for art. Includes a reading, research, and writing element.

Attributes: Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 349 Painting: Conceptual and Aesthetic Strategies (3 crs)

Prerequisite: ART 110 and ART 244.

Studio course for the intermediate student emphasizing problem solving, research strategies, and the development of individual direction.

Attributes: Special Course Fee Required

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 350 Printmaking - Relief-Intermediate (3 crs)

Prerequisite: ART 250

Studio course with advanced work in relief printmaking. Emphasis on refinement of personal expression with exploration into scale and proportion, color and multiple block printing methods.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 351 Printmaking - Intaglio-Intermediate (3 crs)

Prerequisite: ART 251

Advanced studio course in prints taken on paper from inked incisions of metal plates.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 352 Printmaking - Serigraphy-Intermediate (3 crs)

Prerequisite: ART 252

Studio course which further explores silk screen methods including photo-screen techniques.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 353 Printmaking - Lithography-Intermediate (3 crs)

Prerequisite: ART 253

Experimentation with different media, creative uses of textures and color. Printmaking on a more technologically and conceptually advanced level.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 357 Ceramics I (3 crs)

Prerequisite: ART 110 or consent of instructor. Limited to art majors and minors.

Consent: Department Consent Required

Studio course comprised of introductory experience in mixing clay, making glazes, throwing, hand building, glazing, and methods of firing.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 358 Ceramics II (3 crs)

Prerequisite: ART 357

Continuation of Art 357 with emphasis on loading and firing kilns.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 364 Assembled Form (3 crs)

Prerequisite: ART 264 or completion of at least four 200-level or higher art courses.

The advanced study of the manipulation, fabrication, and combined usages of disparate materials in sculpture.

Attributes: Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 365 Site-Specific Sculpture (3 crs)

Prerequisite: Completion of at least four 200-level or higher art courses.

This course is an introduction to the creation and history of site-specific sculpture. Students will create works that fully integrate the context of site into the viewer's interpretation of content and context.

Attributes: Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 366 Found Media (3 crs)

Prerequisite: ART 264

Course will focus on the integration, manipulation, and conceptualization of "found media" into sculpture.

Attributes: Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 373 Motion Graphics (3 crs)

Prerequisite: ART 107, ART 108, ART 110, and ART 312 or ART 274, plus two art studio courses in an emphasis area approved by the student's adviser.
Consent: Department Consent Required

A studio course exploring the concept, creativity and techniques of 2-dimensional digital motion graphics, including the applications of TV and film identity, internet motion graphics, representative or abstract animation, and artistic presentation in galleries.

Attributes: Special Course Fee Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 374 Graphic Design IV: Publication Design (3 crs)

Prerequisite: ART 275

Studio course applying the advanced principles of typographical design and relationships to graphic communications.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 375 Electronic Media Design I: Information Environments (3 crs)

Prerequisite: ART 275 or ART 312.

Studio course exploring the potential of print related design, pre-press capabilities, related graphic software, and the introduction of multimedia interface design.

Attributes: Special Course Fee Required
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 376 Graphic Design V: Visual Identity Applications (3 crs)

Prerequisite: ART 374

Studio course applying the concepts of editorial design, layout, and print-related graphics. Visitations to studios and agencies involved with the production of such imagery can be expected.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 377 Digital Painting (3 crs)

Prerequisite: ART 244

Students engage with art-making using Wacom tablets and Adobe Photoshop Software. Projects range from representational to non-representational modes of image making. Students also must write, reflect on and discuss ideas presented in class or through readings.

Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 378 3-D Computer Animation I (3 crs)

Prerequisite: ART 278

Continued development of computer 3-D modeling skills begun in Art 278. Students study comprehensive creative concepts and advanced 3-D artistic modeling for objects and life-figures. Additional animation techniques are included.

Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 381 Intermediate Photography: Darkroom (3 crs)

Prerequisite: ART 281

Continued work with photography genres, concepts, and processes. Students learn black-and-white film developing and printing and alternative processes such as silver emulsion (Liquid Light), Cyanotype, and pinhole. Emphasis on concept development.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 382 Intermediate Photography: Digital (3 crs)

Prerequisite: ART 281 or consent of instructor.

Utilizing digital techniques, students continue to develop skills and personal visions in photography through a variety of theme-based assignments. Students learn digital SLR-camera, file management, image adjustments, and printing. Emphasis on conceptual development.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 383 Video for Art and Design (3 crs)

Prerequisite: ART 281 or consent of instructor.

Development of theoretical, critical, aesthetic, and historic issues as they relate to time based imagery in contemporary art practice. Students develop technical and visual tools necessary to execute and articulate conceptual ideas and personal visions.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 384 Artist Books: Image & Text (3 crs)

Prerequisite: Any 200-level course in studio art.

Interdisciplinary exploration of art in the book form. Examines the conventions of the written word, the image, and image-text relations. Explores book structures and designs through bookbinding demonstration and hands-on practices.

Attributes: Field Trip(s) Required, Special Course Fee Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

ART 395 Directed Studies (1-3 crs)

Consent: Department Consent Required

Investigation of a special studio art/art related project.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

ART 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Individual research projects under the direction of a faculty member.

Repeat: Course may be repeated

ART 402 Advanced Studio Practice (3 crs)

Consent: Instructor Consent Required

Studio course mixing advanced studio students of various disciplines who are researching individually proposed projects. Emphasizes the professional presentation of artwork.

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 404 Advanced Studio - Art Education (1-6 crs)

Prerequisite: ES 350 or ES 354 or consent of instructor

Consent: Department Consent Required

Repeat: Course may be repeated for a maximum of 12 credits

ART 405 Advanced Three-Dimensional Studio (1-3 crs)

Prerequisite: Minimum junior standing.

Topical projects and investigation of personal concepts through a variety of three-dimensional media.

Repeat: Course may be repeated for a maximum of 9 credits

ART 441 Advanced Studio - Life Drawing (3 crs)

Prerequisite: Grade of C+ or above in ART 341.

Consent: Department Consent Required

Students will work from the figure, studying its role in various modes of representation. Structural understanding, exploration of various processes and medium, and working in a range of format and scale are emphasized.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 443 Advanced Studio - Illustration (3 crs)

Prerequisite: ART 332, ART 341, ART 342.

Consent: Department Consent Required

Studio course focusing on the development of a professional portfolio including promotional materials, the business of illustration, further exploration of imagery and processes, and a greater unity between concept and application. Artist lectures are supplemental.

Attributes: Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 458 Advanced Ceramics (3 crs)

Prerequisite: ART 358

Consent: Department Consent Required

This course will focus on individualized concepts of creating in ceramics. Emphasis on the student's personal exploration of the vessel and/or sculptural forms. Course will prepare students for graduate school and setting up a ceramics studio.

Attributes: Special Course Fee Required

Repeat: Course may be repeated

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 474 Electronic Media Design II: Multi-Media Interface Concepts (3 crs)

Prerequisite: ART 375, or CS 163, or CS 245, or CS 319. Limited to art majors and computer science majors and minors.

Studio course applying the concepts of visual communication in electronic media, including experiments of digital animation, digital music and sound effect, and human-computer interactivity.

Attributes: GE IVA Humanities-Fine Arts, Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 476 Graphic Design VI: Advanced Graphic Communication (3 crs)

Prerequisite: ART 376 or consent of instructor.

Consent: Department Consent Required

Course involving the use of practical and client-based projects related to print, packaging, multimedia interface, and/or photo-related solutions. Visits to studios and design agencies can be expected.

Attributes: Service-Learning, Full 30 Hours, Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 477 Graphic Design VII: Advanced Portfolio Development (3 crs)

Prerequisite: ART 374 or ART 376. Limited to graphic design majors.

A graphic design studio course focusing on advanced development of a professional portfolio, informational interview, and exploration of creativity with focused research information in relationship to the professional field.

Attributes: Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 478 3-D Computer Animation II (3 crs)

Prerequisite: ART 378

Extending the depth of understanding from Art 378 in 3-D models and how they are animated in time using intermediate level techniques. Aesthetic and kinetic computer 3-D character images of humans and animals are created.

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 481 Advanced Studio-Photography (1-6 crs)

Prerequisite: Two of these 300-level courses: ART 381, ART 382, ART 383, or ART 384

Consent: Department Consent Required

Topical projects and investigation of personal concepts through photographic media.

Attributes: Special Course Fee Required

Repeat: Course may be repeated

ART 491 Special Topics (1-3 crs)

Consent: Instructor Consent Required

Topics depend on interests of students and faculty and are not typically covered in regular art studio courses. Topics may be specific media concerns, art subjects, artmaking procedures, contemporary art concerns, or other issues.

Repeat: Course may be repeated

ART 497 Student Academic Apprenticeship in Art (1-3 crs)

Prerequisite: At least six semester credits in the studio area in which the student will apprentice and a grade of B+ or above in the course in which the student will apprentice. Minimum resident and total GPA of 3.30. Minimum senior standing.

Consent: Instructor Consent Required

Qualified students, selected and supervised by faculty members, facilitate teaching and learning in a specific course. Students enhance their knowledge of art and their ability to communicate that knowledge.

Grading Basis: S/U Only Grade Basis

ART 498 Internship (1-3 crs)

Prerequisite: Limited to art majors.

Consent: Department Consent Required

Assignment in an area of art to gain practical experience in the technical, research, and/or educational aspects of the discipline(s) involved. Work must build upon research and knowledge developed in other art courses.

Attributes: Internship

Repeat: Course may be repeated for a maximum of 6 credits

ART 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Individual research projects under the direction of a faculty member.

Repeat: Course may be repeated

ART 544 Painting: Space and Process (3 crs)

Consent: Department Consent Required

• *Cross-listed with ART 344.*

Studio course for the intermediate student exploring materials, techniques, and processes, and their relationships to pictorial and physical space.

Attributes: Special Course Fee Required

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 557 Ceramics I (3 crs)

Prerequisite: ART 110 or consent of instructor.

Consent: Department Consent Required

• *Cross-listed with ART 357. Credit may not be earned in both courses.*

Studio course comprised of introductory experience in mixing clay, making glazes, throwing, hand building, glazing, and methods of firing.

Attributes: Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 595 Directed Studies (1-3 crs)

Consent: Department Consent Required

• *Cross-listed with ART 395.*

Investigation of a special studio art/art related project.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

ART 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Independent study projects under the direction of a faculty member.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

Art History (ARTH)

ARTH 109 Art of the 20th Century (3 crs)

Prerequisite: No credit if taken after ARTH 201.

Study of architecture, sculpture, painting, related arts, on the international art scene during the twentieth century. Emphasizes the global and pluralistic nature of modern and post-modern art.

Attributes: Foreign Culture, GE IVA Humanities-Fine Arts, LE-K4 Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ARTH 111 Art History Survey I (3 crs)

A historical survey of Western art from the Paleolithic through Medieval periods emphasizing materials, techniques, style, iconography, and contexts of production and reception.

Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts, Field Trip(s) Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ARTH 112 Art History Survey II (3 crs)

Lecture series reviewing the fine arts in Western Europe and America from 1200 through the present century.

Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ARTH 217 Medieval Art (3 crs)

Prerequisite: ARTH 111

Study of the arts and architecture during the Early Christian, Byzantine, Carolingian, Romanesque, and Gothic periods. Emphasizes Christian religious art from the late Roman Empire up to the Italian Renaissance (ca. A.D. 400-1400).

Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ARTH 225 History of Graphic Design (3 crs)

Designed as a survey of the development of European and American graphic design in the twentieth century. Focus is on the styles and philosophies of the most influential designers of this period.

Attributes: Foreign Culture, GE IVA Humanities-Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ARTH 227 History of Photography (3 crs)

Survey of ideas and processes of still photography and the making of history of photography in the past and present. Defines relationships between photography and other contemporary events that have shaped the nation and world.

Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ARTH 291 Special Topics (1-3 crs)

Consent: Instructor Consent Required

Topics depend on interests of students and faculty and are not typically covered in regular art history courses. Topics may be art historical themes, narrow period studies, national or regional traditions, or other focuses.

ARTH 310 History of World Architecture (3 crs)

A survey of major architectural monuments around the world from c. 2100 BCE into the twentieth century. Utilizes slide-lecture and discussion format.

Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ARTH 315 Ancient Greek, Etruscan, and Roman Art (3 crs)

Prerequisite: ARTH 111

A study of the art and architecture of the Greeks (900 BCE-31 BCE), Etruscans (700-100 BCE), and Romans (500 BCE-400 CE). The primary objective is the interpretation of artwork and architecture in their original contexts of production and reception.

Attributes: GE IVA Humanities-Fine Arts, Field Trip(s) Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ARTH 319 Renaissance Art (3 crs)

Prerequisite: ARTH 112

A study of the evolution of the style and meaning of Renaissance architecture, sculpture, painting and graphics during the fifteenth and sixteenth centuries in Italy and Northern Europe.

Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ARTH 321 Baroque and Rococo Art (3 crs)

Prerequisite: ARTH 112

Study of the architecture, sculpture, and painting in Italy, France, Spain, the Low Countries, Southern Germany, and England in the seventeenth and eighteenth centuries—the era of Baroque and Rococo.

Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ARTH 324 Survey of North American Indian Art (3 crs)

Prerequisite: One AIS or ARTH or ART course or consent of instructor. Minimum sophomore standing.

- *Credit may not be earned in both ARTH 324 and AIS 324.*

A survey of North American Indian artwork in contemporary and historical contexts.

Attributes: Foreign Culture, Cultural Diversity 2 cr., GE IVA Humanities-Fine Arts, Field Trip(s) Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ARTH 327 Nineteenth Century Art (3 crs)

Prerequisite: ARTH 112

Study of the architecture, sculpture, and painting during the nineteenth century.

Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ARTH 333 Themes in Contemporary Art (3 crs)

An investigation of the processes, theories, and historical viewpoints that motivate and structure the content of the current art world.

Attributes: Foreign Culture, GE IVA Humanities-Fine Arts, LE-K4 Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ARTH 335 Ancient Art and Architecture of Mexico and Central America (3 crs)

Prerequisite: One ART, ARTH, AIS, or LAS course, or consent of instructor.

- *Credit may not be earned in both ARTH 335 and AIS 335.*

A study of the art and architecture of ancient Mexico and Central America between 2000 BCE - 1600 CE. Focus is on the materials, techniques, styles, and iconography of the art and architecture in relation to the contexts of production, use, and reception.

Attributes: Foreign Culture, GE IVA Humanities-Fine Arts, LE-K4 Fine Arts, Field Trip(s) Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ARTH 337 Art of Tawantinsuyo (3 crs)

Prerequisite: One ART, ARTH, AIS, or LAS course, or consent of instructor.

- *Credit may not be earned in both ARTH 337 and AIS 337.*

A study of historical and contemporary art by indigenous artists of Tawantinsuyo, the Quechua name of the Inka empire in western South America. Emphasis is placed on textiles, yet metals and ceramics are also topics.

Attributes: Foreign Culture, GE IVA Humanities-Fine Arts, Field Trip(s) Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ARTH 350 Art Field Study Programs (1-6 crs)

Consent: Instructor Consent Required

- *Fee variable.*

Travel seminars examining art in this country and abroad.

Attributes: GE IVA Humanities-Fine Arts, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

ARTH 389 Methodologies of Art History (3 crs)

Prerequisite: ARTH 111 and ARTH 112.

This course surveys the major methodologies and approaches that art historians use to construct and interpret the discipline's content.

Attributes: LE-S3 Creativity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ARTH 395 Directed Studies (1-3 crs)

Prerequisite: Minimum 11 credits art history.

Consent: Department Consent Required

The study of an art historical problem or topic approved by the supervising instructor and department chair.

Repeat: Course may be repeated

ARTH 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum 12 credits art history.

Consent: Department Consent Required

Individual research project in a specific art history subject under the direction of an art history faculty member.

Repeat: Course may be repeated

ARTH 491 Special Topics (1-3 crs)

Consent: Instructor Consent Required

Topics depend on interests of students and faculty and are not typically covered in regular art history courses. Topics may be art historical themes, narrow period studies, national or regional traditions, or other focuses.

ARTH 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum 12 credits art history.

Consent: Department Consent Required

Individual research project in a specific art history subject under the direction of an art history faculty member.

Repeat: Course may be repeated

ARTH 550 Art Field Study Programs (1-6 crs)

Consent: Department Consent Required

- *Cross-listed with ARTH 350. Fee variable.*

Travel seminars examining art in this country and abroad.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Biology (BIOL)

BIOL 105 General Biology (3 crs)

Prerequisite: No credit if taken after BIOL 100 or BIOL 223.

- *No credit toward biology major or minor. This course cannot serve as a prerequisite for 300-level biology courses.*

An integrated presentation of important topics and ideas in modern biology. Designed to serve as a broad introduction to the life sciences.

Attributes: GE IIA Natural Science-Biology, LE-K1 Natural Sciences

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BIOL 130 Human Sexual Biology (3 crs)

- *Credit may not be earned in both BIOL 130 and WMNS 130. No credit toward biology major or minor.*

Structure, function, control, and coordination of the human reproductive organ system. Formation and function of sex cells. Problems of lactation, fertility, sterility, sexuality, birth control challenges, and human population.

Attributes: GE IIA Natural Science-Biology, LE-K1 Natural Sciences

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BIOL 151 Biology of Humans (4 crs)

Prerequisite: No credit if taken after or concurrently with BIOL 214.

- *No credit toward biology major or minor.*

Basic principles and processes of the human body. Emphasis on human origin and evolution, biomolecules, cells, organ systems and disorders, reproduction, genetics, and the role of humans in the biosphere.

Attributes: GE IIA Natural Science-Biology, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

BIOL 180 Environmental Biology and Conservation (3 crs)

Prerequisite: No credit if taken after GEOG 178.

- *Satisfies Wisconsin conservation requirement for teaching certificates in science and social science.*

An introduction to natural resource conservation. Problems associated with the use and abuse of America's resources are studied in an ecological framework. Resource management methods are explored.

Attributes: GE IIA Natural Science-Biology, LE-I1 Integration, LE-R3 Civic and Environmental Issues

Lecture/Discussion Hours: 2

Lab/Studio Hours: 1

BIOL 181 Environmental Biology and Conservation Lab (1 cr)

Prerequisite: Must be taken with BIOL 180.

- *No credit toward biology major or minor.*

Laboratory science course intended to be taken with Biology 180, Environmental Biology and Conservation, in order to receive laboratory science credit. Labs and field trips have students explore problems and solutions associated with environmental and conservation of natural resource issues.

Attributes: GE IIA Natural Science-Biology, Lab Science, Service-Learning Optional, Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 2

BIOL 195 Plants and Society (4 crs)

- *No credit toward biology major or minor.*

An introduction to the biology of plants and their use by humans for food, beverage, spices, commercial products, and medicine.

Attributes: GE IIA Natural Science-Biology, Lab Science

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

BIOL 196 Human Nutrition (3 crs)

Prerequisite: No credit if taken after BIOL 354.

- *No credit toward biology major or minor.*

Introduction to nutrition including coverage of nutrients-functions and sources; digestion and absorption; food guides; obesity and energy needs; diet and chronic disease; hunger in the world and United States; organic foods; sport nutrition; nutrition.

Attributes: Wellness Theory, GE IIA Natural Science-Biology

Lecture/Discussion Hours: 2

Lab/Studio Hours: 1

BIOL 214 Human Anatomy and Physiology I (4 crs)

Prerequisite: CHEM 103 or CHEM 115 with a grade of C or above.

- *No credit toward biology major or minor or pre-professional health science minor unless BIOL 314 is taken.*

The fundamentals of bodily function are studied at the cellular, tissue, organ, and organ system levels. Integration of physiological function and anatomical structure will be highlighted in the skeletal, muscular, nervous, and endocrine systems.

Attributes: GE IIA Natural Science-Biology, Lab Science

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

BIOL 221 Foundations of Biology I (4 crs)

Prerequisite: MATH 109 or placement into MATH courses above 109; CHEM 103 or CHEM 115 or concurrent enrollment. Credit may not be earned in both BIOL 221 and BIOL 111.

Introduction to cell biology, genetics, evolution, and microbiology.

Attributes: GE IIA Natural Science-Biology, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 3

BIOL 222 Foundations of Biology II (3 crs)

Prerequisite: Grade of C or above in BIOL 111 or BIOL 221. Credit may not be earned in both BIOL 222 and BIOL 211.

- *Concurrent enrollment in BIOL 223 is strongly recommended.*

Introduction to evolution, organismal form and function, and ecology.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BIOL 223 Foundations of Biological Inquiry (2 crs)

Prerequisite: Grade of C or above in BIOL 111 or BIOL 221. Credit may not be earned in both BIOL 223 and BIOL 211.

- *Concurrent enrollment in BIOL 222 is strongly recommended.*

Introduction to inquiry methods in biology focusing on scientific methods including experimental design, data collection and analysis, and critical thinking.

Attributes: LE-S3 Creativity

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

BIOL 250 Microbiology (3 crs)

Prerequisite: BIOL 214 and one semester of college chemistry. No credit if credit has been earned in BIOL 361.

- *No credit toward liberal arts biology major or minor.*

Study of the attributes of several microbial groups and their interactions with human systems in the disease process.

Attributes: GE IIA Natural Science-Biology

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BIOL 291 Special Topics in Introductory Biology (1-3 crs)

Prerequisite: No credit if taken after BIOL 221.

Biological topics of current and special interest not typically covered in an introductory biology course, and of special interest to students and faculty.

BIOL 296 Student Academic Experience (1-2 crs)

Prerequisite: Eight credits in biology, with a 3.00 GPA including a grade of B or above in the course in which the teaching experience will occur. Limited to biology majors.

Consent: Instructor Consent Required

- *No more than two credits can be counted toward a biology major or minor. A total of four credits may be taken between this course and BIOL 496.*

Experience for qualified students, selected and supervised by faculty members, to facilitate teaching and learning in a specific course. Students enhance their knowledge of biology and their ability to communicate that knowledge to other students.

Attributes: Service-Learning, Full 30 Hours

Repeat: Course may be repeated for a maximum of 4 credits

Grading Basis: S/U Only Grade Basis

BIOL 302 Cell Biology (3 crs)

Prerequisite: BIOL 111 or grades of C or above in BIOL 222 and BIOL 223; CHEM 104 or CHEM 115.

Structure, function, and molecular organization of cells and cell organelles.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BIOL 304 Molecular Biology (4 crs)

Prerequisite: BIOL 111 or grades of C or above in BIOL 222 and BIOL 223; CHEM 104 or CHEM 115.

Current concepts and methodologies of molecular biology presented in an experimental framework. Emphasis on current techniques, DNA replication, and gene regulation at the transcriptional, post-transcriptional, and translational levels.

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

BIOL 305 Molecular and Cell Biology (4 crs)

Prerequisite: Grades of C or above in BIOL 221, BIOL 222, and BIOL 223; and CHEM 104 or CHEM 115 or consent of instructor

- *Credit may not be earned in BIOL 305/BIOL 505 and BIOL 302 or BIOL 305/BIOL 505 and BIOL 304.*

Current concepts in molecular/cell biology including structure/function of cells and cell organelles, gene function/regulation, and cell signaling.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

BIOL 306 Infectious Disease Ecology (3 crs)

Prerequisite: BIOL 111 or BIOL 221; and CHEM 104 or CHEM 115. Minimum junior standing.

Introduction to the realities of microbial pathogens in our lives and their relationship to hosts, reservoirs, and environmental factors. Discussion of emerging and re-emerging diseases.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BIOL 307 Cell and Molecular Biology Laboratory (2 crs)

Prerequisite: BIOL 302 or concurrent enrollment.

A lab course introducing various technical aspects of cell and molecular biology. Techniques include cell culture, cell separation, extraction and separation of macromolecules, immunoassay, enzyme assays, immunofluorescence, PCR, and DNA sequencing.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 4

BIOL 308 Evolution (3 crs)

Prerequisite: BIOL 111 or grades of C or above in BIOL 222 and BIOL 223.

An introduction to evolution, including: origin and impact of the theory of evolution, origin of life, genetics and natural selection, molecular evolution, speciation, adaptation, systematics, fossil record, biogeography, species interactions, and human evolution.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BIOL 311 General Entomology (4 crs)

Prerequisite: BIOL 100 or BIOL 211 or grades of C or above in BIOL 222 and BIOL 223.

Study of the structure, function, diversity, ecology, and management of insects. Field collection and laboratory identification of terrestrial and aquatic insects of Wisconsin.

Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 4

BIOL 314 Human Anatomy and Physiology II (4 crs)

Prerequisite: BIOL 214 with a grade of C or above. Minimum sophomore standing.

The fundamentals of bodily function are studied at the cellular, tissue, organ, and organ system levels. Integration of physiological function and anatomical structure will be highlighted in the cardiovascular, respiratory, excretory, digestive, and reproductive systems.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

BIOL 315 Reproductive Physiology (3 crs)

Prerequisite: BIOL 222 and BIOL 223.

Examination of the principles and mechanisms of reproduction in human. Social aspects of reproduction, including reproductive biotechnologies and reproductive health will also be discussed.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3 Hours

Lab/Studio Hours: 0 Hours

BIOL 317 Animal Physiology (4 crs)

Prerequisite: BIOL 211 or grades of C or above in BIOL 222 and BIOL 223; CHEM 104 or CHEM 115.

Analysis of animal function using physical and chemical principles; homeostatic regulation of the internal environment of animals.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 3

BIOL 318 Plant Form and Function (4 crs)

Prerequisite: Grades of C or above in BIOL 211, or BIOL 222 and BIOL 223.

Study of the classification, structure, function, development, and behavior of plants in an evolutionary and experimental context.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 3

BIOL 319 Animal Form and Function (4 crs)

Prerequisite: Grades of C or above in BIOL 211, or BIOL 222 and BIOL 223. No credit if taken after BIOL 301, BIOL 317, BIOL 380, or BIOL 470.

An examination of the comparative biology of animals including their evolution, reproduction, development, physiology, and behavior. Laboratories include an experimental approach to the study of animal form and behavior.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 3

BIOL 320 Studies in Tropical Environments (3 crs)

Consent: Instructor Consent Required

Extended travel to study the biological diversity and natural history of terrestrial and aquatic organisms from a tropical environment. Emphasis on human impacts to tropical ecosystems.

Attributes: GE IIA Natural Science-Biology, Lab Science, Special Course Fee
Required Varies by Term/Section
Repeat: Course may be repeated
Lecture/Discussion Hours: 1
Lab/Studio Hours: 4

BIOL 321 Ecology (3 crs)

Prerequisite: Grades of C or above in BIOL 211, or BIOL 222 and BIOL 223, or GEOL 312, or GEOG 200. No credit if taken after BIOL 335.

Core concepts and theories in ecology at the individual, population, community, and ecosystems levels and their applications.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

BIOL 322 Plant Anatomy (4 crs)

Prerequisite: BIOL 211 or grades of C or above in BIOL 222 and BIOL 223.

The development and structure of cells, tissue, and organs; the structure and growth of meristems; comparative anatomy of stems, roots, and leaves of vascular plants.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 4

BIOL 323 Genetics (3 crs)

Prerequisite: BIOL 211, or grades of C or above in BIOL 222 and BIOL 223, or consent of instructor; and MATH 109 with a grade of C or above or consent of instructor. No credit if taken after BIOL 300/500

Basic principles of heredity and variation; genetic systems, structure and roles of nucleic acids, mutation, allelism, genes in development, genes in populations, and genetics in human life; genetic engineering and genomics.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

BIOL 325 Plant Systematics (4 crs)

Prerequisite: BIOL 110 or grades of C or above in BIOL 222 and BIOL 223.

Principles of classification, nomenclature, and determining evolutionary relationships among plants; survey of plant diversity including mosses, ferns, conifers, and flowering plants. Field identification of local flora.

Attributes: Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

BIOL 326 Economic Botany (3 crs)

Prerequisite: Grades of C or above in BIOL 211, or BIOL 222 and BIOL 223.

Plants upon which civilization is dependent for food, spices, fiber, shelter, fuel, medicine, and industrial products. Emphasis is on plant biology, use of plants, and relationship of plants to human cultures.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

BIOL 328 Conservation Biology (4 crs)

Prerequisite: GEOG 178 or BIOL 180, and one introductory (100 or 200-level) biology lab course [includes: BIOL 100, BIOL 151, BIOL 181, BIOL 110, BIOL 111, BIOL 221, or BIOL 222 (if taken with or after BIOL 223)]. Minimum junior standing.

Scientific basis for conserving biological diversity. Explore global efforts in research, education, and advocacy for conserving genes, species, and ecosystems and their ecological and evolutionary processes. Applied engagement in habitat restoration, conservation research, and education.

Attributes: Service-Learning, Half 15 Hours, Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

BIOL 329 Biological Field Experiences and Service-Learning Capstone (1-2 crs)

Prerequisite: BIOL 110, BIOL 111, and BIOL 211 or grades of C or above in BIOL 222 and BIOL 223. Minimum junior standing.

Consent: Instructor Consent Required

- *Capstone for Environmental Science minors or comprehensive majors in Ecology and Environmental Biology.*

Group participation and collaboration with a community organization engaging in hands-on work experience or environmental education focusing on protecting/teaching about Wisconsin biodiversity through projects in habitat restoration, research, and education.

Attributes: Service-Learning, Full 30 Hours, Capstone Course, Field Trip(s) Required
Repeat: Course may be repeated for a maximum of 3 credits

BIOL 330 Population and Community Ecology (4 crs)

Prerequisite: MATH 114 and BIOL 211 or grades of C or above in BIOL 222 and BIOL 223.

- *Credit may not be earned in both BIOL 330 and BIOL 435.*

Emphasis on theory and empirical research concerning the dynamics and regulation of managed and natural populations. Application of field methods to sample populations and mathematical techniques to study population patterns.

Attributes: Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

BIOL 331 Trees and Shrubs (3 crs)

Prerequisite: BIOL 110, or grades of C or above in BIOL 222 and BIOL 223, or BIOL 195.

Field study of native and ornamental trees and shrubs. Classification and identification of major North American trees. Introduction to structure, physiology, and ecology of trees.

Attributes: Field Trip(s) Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

BIOL 332 Field Botany (3 crs)

Prerequisite: BIOL 110 or grades of C or above in BIOL 222 and BIOL 223.

Field study of the flora and vegetation of Wisconsin. Includes sight recognition of plants, identification of unknown plants using keys, plant communities, an introduction to plant taxonomy, and specimen preparation.

Attributes: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

BIOL 333 Plant Physiology (4 crs)

Prerequisite: BIOL 211 or grades of C or above in BIOL 222 and BIOL 223; CHEM 104 or CHEM 115.

A study of physiological processes that enable plants to grow under the varied conditions found in nature. Topics include plant metabolism, transport, growth, and development. Labs reinforce principles covered in lecture.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

BIOL 336 Terrestrial Ecology (4 crs)

Prerequisite: Grades of C or above in BIOL 211, or BIOL 222 and BIOL 223; or GEOL 312.

Structure and function of terrestrial ecosystems including global, regional, and local scales. Emphasis is placed on methods for overcoming complexity.

Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

BIOL 338 Vegetation Ecology (4 crs)

Prerequisite: Minimum junior standing.

Patterns and processes in vegetation, with an emphasis on the natural vegetation of Wisconsin. Laboratories will include field methods and an introduction to multivariate statistical analyses.

Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 4

BIOL 339 Physiological Ecology (4 crs)

Prerequisite: Grades of C or above in BIOL 211, or BIOL 222 and BIOL 223. No credit if taken after BIOL 356.

The course will use comparative approaches to study physiological and behavioral adaptations for living in stressful environments.

Attributes: Field Trip(s) Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 4

BIOL 340 Ornithology (4 crs)

Prerequisite: BIOL 211 or grades of C or above in BIOL 222 and BIOL 223 or consent of instructor.

Introduction to avian biology, including taxonomy, evolution, reproduction, physiology, flight, communication, behavioral ecology, and population census techniques (e.g., bird banding). Lab and field identification of Wisconsin bird species. Students will conduct a semi-independent research project.

Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 4

BIOL 345 Invertebrate Zoology (4 crs)

Prerequisite: BIOL 211 or grades of C or above in BIOL 222 and BIOL 223.

An introduction to invertebrate animals with emphases on phylogenetic relationships, form, function, and ecology. Laboratory sessions include field trips for the purpose of collecting invertebrate animals and experiments to learn about the biology of invertebrates.

Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 4

BIOL 350 Systems Neuroscience (4 crs)

Prerequisite: Grade of C or above in BIOL 211, or grades of C or above in BIOL 222 and BIOL 223.

How networks of neurons form the basis of higher brain function including sensory, motor, and integrative functions.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 1

BIOL 351 Systems Neuroscience Lab (2 crs)

Prerequisite: Grade of C or above in BIOL 211, or grades of C or above in BIOL 222 and BIOL 223.

Methods to study systems of neurons as they relate to behavior and cellular mechanisms including electrophysiology, histology and immunocytochemistry.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 4

BIOL 353 Biotechnology (3 crs)

Prerequisite: BIOL 100 or BIOL 111 or BIOL 221.

Examination of current biotechnology and future potentials. Focus on products, problems, and the profound impact of this science on individuals and society.

Attributes: GE IIA Natural Science-Biology

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BIOL 354 Concepts in Advanced Nutrition (3 crs)

Prerequisite: BIOL 111 or grades of C or above in BIOL 222 and BIOL 223.

In-depth study of nutrition incorporating more physiological and biochemical concepts than introductory nutrition courses. Coverage of nutrients, functions, and sources; metabolism; energy balance; dietary recommendations and relationship of food intake to chronic disease.

Attributes: Wellness Theory

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BIOL 356 Wisconsin Wildlife (4 crs)

Prerequisite: Grades of C or above in BIOL 211, or BIOL 222 and BIOL 223. No credit if taken after BIOL 339, BIOL 340, BIOL 369, BIOL 379, or BIOL 410.

A course designed to provide an overview of Wisconsin vertebrate diversity. Topics include distribution, behavior, ecology, and conservation of Wisconsin species. For students seeking a general understanding of vertebrate biology and skills in field identification.

Attributes: Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

BIOL 358 Cellular and Developmental Neuroscience (4 crs)

Prerequisite: Grade of C or above in BIOL 211 or grades of C or above in BIOL 222 and BIOL 223.

In-depth examination of molecular, cellular and developmental processes in the nervous system. Exposure to the primary literature. Students design, implement and interpret experiments in laboratory. Students will write a proposal based on work in laboratory.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

BIOL 361 Biology of Microorganisms (5 crs)

Prerequisite: BIOL 111 or BIOL 221, and one year of chemistry.

Study of microbial taxonomy, physiology, genetics, ecology, and morphology with environmental, industrial, agricultural, and medical applications.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 4

BIOL 362 Field Zoology (3 crs)

Prerequisite: BIOL 211 or grades of C or above in BIOL 222 and BIOL 223.

Field trips and laboratories concerned with habitat observation, collection, and identification of local animals, with emphasis on the invertebrates and cold-blooded vertebrates.

Attributes: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

BIOL 365 Animal Behavior (4 crs)

Prerequisite: BIOL 211 or grades of C or above in BIOL 222 and BIOL 223, or one year of college zoology, or consent of instructor.

Study of animal behavior with emphasis on evolutionary approaches; topics include feeding adaptations, predator-prey interactions, habitat selection, communication, sociality, and mating strategies. Students work together on lab/field exercises and conduct a semi-independent research project.

Attributes: Field Trip(s) Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 4

BIOL 371 Medical Mycology (3 crs)

Prerequisite: BIOL 111 or grades of C or above in BIOL 222 and BIOL 223, and one semester of college chemistry. Minimum junior standing.

An introduction to the medically important fungi. Topics include fungal structure; superficial, cutaneous, and systemic mycoses; mechanisms of disease; host response to fungal infections and treatment/prevention.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BIOL 376 Aquatic Ecology (3-4 crs)

Prerequisite: BIOL 110 or grades of C or above in BIOL 222 and BIOL 223.

Minimum junior standing.

• *BIOL 330 is recommended prior to enrollment in this course. Two Saturday field trips are required.*

Ecology of aquatic organisms in lakes and streams. Emphasis is placed on processes shaping the structure and dynamics of freshwater communities. Laboratory experiments and field trips required.

Attributes: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section

BIOL 379 Biology of Fishes (4 crs)

Prerequisite: BIOL 319

Anatomy, physiology, taxonomy, behavior, ecology, and evolution of fishes. Laboratory and field study of local freshwater species.

Attributes: Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

BIOL 380 Endocrinology (4 crs)

Prerequisite: BIOL 211 or grades of C or above in BIOL 222 and BIOL 223; CHEM 104 or CHEM 115.

Study of the relationships between histophysiology, chemistry, and disorders of the endocrine system; its interrelationships with the nervous system and how both contribute to bodily homeostasis.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 3

BIOL 383 Statistical Analysis of Biological Data (3 crs)

Prerequisite: BIOL 110 and BIOL 111 or grades of C or above in BIOL 222 and BIOL 223; MATH 111 or MATH 114.

Practical applications of statistics are used to learn concepts and to develop skills. Graphical analysis, parameter estimation, and formal tests of hypotheses performed in the context of real biological studies using powerful statistical software.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

BIOL 384 Biological Investigation (2 crs)

Consent: Instructor Consent Required

Biological investigation is designed for students participating in undergraduate/faculty collaborative research projects.

Repeat: Course may be repeated

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

BIOL 385 Undergraduate Seminar (1 cr)

Prerequisite: Minimum senior standing.

Presentation of current research topics in student-selected subareas of biology.

Attributes: Capstone Course

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

BIOL 386 Biology Research Methods (3 crs)

Prerequisite: BIOL 211 or concurrent enrollment in BIOL 211, or grades of C or above in BIOL 222 and BIOL 223.

Consent: Instructor Consent Required

Introduction to the scientific inquiry. Focus on philosophy of science, nature of scientific data, methods of data collection, analysis of data and peer reviewed literature, and communication of scientific results.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BIOL 390 Biological Immersion Experience (1-4 crs)

Consent: Instructor Consent Required

Project-based, field intensive, biological immersion experience focusing on the nature of environmental controls on floral and faunal distribution within a geographic region. Societal influence and interaction with the biological realm will be emphasized.

Attributes: Foreign Culture, GE IIA Natural Science-Biology, Lab Science,

Service-Learning Optional Half, Field Trip(s) Required

Repeat: Course may be repeated for a maximum of 8 credits

Grading Basis: A-F Grades Only

BIOL 395 Directed Studies (1-3 crs)

Prerequisite: Minimum sophomore standing.

Consent: Department Consent Required

Directed study of a question or problem of biological interest, approved by the supervising faculty and the department chair.

Attributes: Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated

BIOL 396 Honors Research (1-7 crs)

Prerequisite: 12 credits and 3.50 GPA in biology courses. Minimum junior standing.

Individual research project under the direction of a research adviser.

Repeat: Course may be repeated for a maximum of 7 credits

BIOL 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Independent study projects under the direction of a faculty member.

Repeat: Course may be repeated

BIOL 401 Recombinant DNA Techniques (4 crs)

Prerequisite: BIOL 302 and BIOL 304; CHEM 352 or CHEM 452 and CHEM 453

Consent: Instructor Consent Required

A laboratory course designed to teach methods of cloning and analyzing DNA. Includes purification, restriction, separation, labeling of nucleic acids; cloning in phage and plasmid vectors; selecting and analyzing clones; DNA sequencing; transcript analysis.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 8

BIOL 402 Current Topics in Virology and Immunology (4 crs)

Prerequisite: BIOL 300, CHEM 325, and one of the following: BIOL 302, BIOL 304, BIOL 361, CHEM 352 or CHEM 452.

Lectures and readings in immunology and virology. Emphasis on the mode of thinking and reasoning that led to earlier solutions. Discussions of current advances in the fields.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

BIOL 405 Advanced Cell and Molecular Lab (4 crs)

A lab/discussion course teaching methods in molecular/cell biology research using prokaryotic and eukaryotic systems, focusing on DNA/RNA analyses.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 4

BIOL 409 Molecular Genetics (4 crs)

Prerequisite: BIOL 300, BIOL 304, and CHEM 352 or CHEM 452.

Molecular genetics comprehensively integrates biochemistry, molecular, and cellular biology and serves as the culminating biochemistry/molecular biology course. Topics include genomics, developmental genetic systems, organelle genomes, evolutionary genetics, immunogenetics, and medical genetics.

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

BIOL 423 Collaborative Research in Biology (3 crs)

Prerequisite: Minimum GPA of 3.0 in the biology major, and completion of at least one upper-division (300-level or higher) biology course. Minimum junior standing. Limited to biology majors and minors.

Consent: Instructor Consent Required

- *BIOL 383 is highly recommended prior to enrollment in this course.*

Students design and implement collaborative research projects to address special topics identified by the instructor. Student researchers will develop hypotheses and design studies to test them. The course emphasizes teamwork, data interpretation, and communication.

Attributes: Field Trip(s) Required, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

BIOL 435 Advanced Ecology (4 crs)

Prerequisite: BIOL 335 or consent of instructor.

- *Credit may not be earned in both BIOL 330 and BIOL 435.*

Advanced topics in physiological, behavioral, population, community, or ecosystem ecology.

Repeat: Course may be repeated for a maximum of 8 credits

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

BIOL 460 Developmental Biology (4 crs)

Prerequisite: BIOL 300, or BIOL 302, or consent of instructor.

A study of the molecular mechanisms underlying embryogenesis focusing on fertilization, embryonic patterning, cellular differentiation, and organogenesis. Emphasis placed on current experimental techniques and primary literature.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 3

BIOL 470 Neurobiology (4 crs)

Prerequisite: BIOL 211 or grades of C or above in BIOL 222 and BIOL 223.

Basic mechanisms in physiology and development of nervous systems. Introduction to neural systems and their behavioral correlates. Neuroscience methods. Students apply physical and chemical principles to understand nervous system function.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 3

BIOL 485 Issues in Biology (2 crs)

Prerequisite: Limited to biology majors and minors. No credit if taken after BIOL 385 or BIOL 497. Minimum senior standing.

Senior groups will use their education to locate and evaluate research on selected issues. Groups will produce a scholarly background paper, a creative presentation, and lead a discussion.

Attributes: Capstone Course

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

BIOL 490 Biological Field Studies (1-4 crs)

Prerequisite: One introductory and one upper-division biology course.

Consent: Instructor Consent Required

Extended travel to study field biology. Students record notes and data in the field and submit final written and/or oral reports. Field identification quizzes may also be required.

Attributes: Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated for a maximum of 4 credits

BIOL 491 Special Topics (1-3 crs)

Prerequisite: Minimum junior standing.

Lectures, laboratory, or field study covering specific areas not normally discussed in regular classes, and of special interest to students or faculty.

Repeat: Course may be repeated

BIOL 496 Student Academic Apprenticeship (1-2 crs)

Prerequisite: Sixteen credits in biology including the course to be apprenticed with a grade of B or above and 3.00 GPA or higher in biology coursework.

Minimum senior standing. Limited to biology majors.

Consent: Instructor Consent Required

- *No more than two credits can be counted toward a biology major or minor. A total of four credits may be taken between this course and BIOL 296.*

For qualified students, selected and supervised by faculty members, to facilitate teaching and learning in a specific course. Apprentices enhance their knowledge of biology and their ability to communicate that knowledge to other students.

Attributes: Service-Learning, Full 30 Hours, Capstone Course

Repeat: Course may be repeated for a maximum of 4 credits

Grading Basis: S/U Only Grade Basis

BIOL 497 Senior Research Presentation (1 cr)

Prerequisite: BIOL 395 or BIOL 399 or BIOL 499 or consent of instructor. Limited to biology majors and minors. Minimum senior standing. No credit if taken after BIOL 385 or BIOL 485.

Capstone for biology majors involved in field or laboratory research. Student will present independent research through an oral presentation or poster given at Student Research Day.

Attributes: Capstone Course

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

BIOL 498 Internship in Biology (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

- *Up to three credits may count in any of the comprehensive or standard majors in biology or biology minors.*

Provides supervised on-the-job experience in a biologically-related area of interest.

Attributes: Service-Learning, Full 30 Hours, Internship

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: S/U Only Grade Basis

BIOL 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Independent study projects under the direction of a faculty member.

Repeat: Course may be repeated

BIOL 505 Molecular and Cell Biology (0 crs)

Prerequisite: Grades of C or above in BIOL 221, BIOL 222, and BIOL 223; and CHEM 104 or CHEM 115 or consent of instructor

- *Credit may not be earned in BIOL 305/BIOL 505 and BIOL 302 or BIOL 305/BIOL 505 and BIOL 304.*

Current concepts in molecular/cell biology including structure/function of cells and cell organelles, gene function/regulation, and cell signaling.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

BIOL 506 Infectious Disease Ecology (3 crs)

Prerequisite: BIOL 111 or BIOL 221; and CHEM 104 or CHEM 115.

- *Cross-listed with BIOL 306. Credit may not be earned in both courses.*

Introduction to the realities of microbial pathogens in our lives and their relationship to hosts, reservoirs, and environmental factors. Discussion of emerging and re-emerging diseases.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BIOL 511 General Entomology (4 crs)

Prerequisite: BIOL 100 or BIOL 211 or grades of C or above in BIOL 222 and BIOL 223.

- *Cross-listed with BIOL 311. Credit may not be earned in both courses.*

Study of the structure, function, diversity, ecology, and management of insects. Field collection and laboratory identification of terrestrial and aquatic insects of Wisconsin.

Attributes: Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 4

BIOL 515 Reproductive Physiology (3 crs)

Prerequisite: BIOL 222 and BIOL 223.

- *Cross-listed with BIOL 315. Credit may not be earned in both courses.*

Examination of the principles and mechanisms of reproduction in human. Social aspects of reproduction, including reproductive biotechnologies and reproductive health will also be discussed.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BIOL 523 Genetics (3 crs)

Prerequisite: No credit if taken after BIOL 300/500

- *Cross-listed with BIOL 323. Credit may not be earned in both courses.*

Basic principles of heredity and variation; genetic systems, structure and roles of nucleic acids, mutation, allelism, genes in development, genes in populations, and genetics in human life; genetic engineering and genomics.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BIOL 561 Biology of Microorganisms (5 crs)

Prerequisite: BIOL 111 or BIOL 221, and one year of chemistry. No credit if taken after credit earned in BIOL 250.

- *Cross-listed with BIOL 361. Credit may not be earned in both courses.*

Study of microbial taxonomy, physiology, genetics, ecology, and morphology with environmental, industrial, agricultural, and medical applications.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 4

BIOL 580 Endocrinology (4 crs)

Prerequisite: BIOL 211 or grades of C or above in BIOL 222 and BIOL 223; CHEM 104 or CHEM 115.

- *Cross-listed with BIOL 380. Credit may not be earned in both courses.*

Study of the relationships between histophysiology, chemistry, and disorders of the endocrine system; its interrelationships with the nervous system and how both contribute to bodily homeostasis.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 3

BIOL 602 Current Topics in Virology and Immunology (4 crs)

Prerequisite: BIOL 300/BIOL 500, CHEM 325, and one of the following: BIOL 302, BIOL 304, BIOL 361/BIOL 561, CHEM 352 OR CHEM 452/CHEM 652; or consent of instructor.

- *Cross-listed with BIOL 402. Credit may not be earned in both courses.*

Lectures and readings in immunology and virology. Emphasis on the mode of thinking and reasoning that led to earlier solutions. Discussions of current advances in the fields.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

BIOL 704 Research Techniques (2 crs)

Consent: Instructor Consent Required

Emphasis on experimental design and specific techniques appropriate to the various subdisciplines in biology.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

BIOL 791 Directed Studies (1-3 crs)

Consent: Instructor Consent Required

Lectures, laboratory, or field study covering specific areas not normally included in regular classes, and of special interest to students and/or faculty.

Repeat: Course may be repeated for a maximum of 7 credits

Grading Basis: No S/U Grade Option

BIOL 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Independent study projects under direction of a faculty member.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

BIOL 799 Thesis (1-6 crs)

- *Full-time equivalent.*

A description of acceptable topics and the precise nature of the thesis requirement is provided in the departmental program descriptions.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: PR Only Grade Basis

Business Administration (BSAD)

BSAD 100 Introduction to the World of Business (1 cr)

Prerequisite: Credit cannot be earned if taken after BSAD 101.

- *Credit cannot be counted toward any College of Business major or minor programs. No credit if taken after admission to College of Business.*

An introduction to the business organization, and the roles and functions performed by those who work within the business.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

BSAD 101 Business Concepts for Technical Professionals (3 crs)

Prerequisite: Limited to CS majors. Minimum sophomore standing.

- *Not open to College of Business juniors and seniors.*

Business concepts for computer science majors or minors. Vocabulary of accounting, finance, management, marketing, and business communication. Emphasizes project management, team participation, business process reengineering, business systems analysis, professionalism, career planning, and business ethics.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BSAD 105 Essentials of Accounting (2 crs)

Prerequisite: Credit cannot be earned if taken after ACCT 201.

- *Credit cannot be counted toward any College of Business major or minor programs. No credit if taken after admission to College of Business.*

This course teaches students how to interpret basic financial statements. Students learn the parts of annual reports issued by companies, the differences between balance sheets and income statements, and basic accounting terminology.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

BSAD 110 Business Leadership Institute (1-2 crs)

Prerequisite: New Freshmen Only

This course helps students develop the knowledge and competencies necessary to reach their educational potential. Topics include leadership, teamwork, goal setting, time management, communication skills (interpersonal, oral, and written), social responsibility, globalization, and diversity.

Lecture/Discussion Hours: 1-2

Lab/Studio Hours: 0

BSAD 115 Essentials of Human Resource Management (2 crs)

Prerequisite: Credit cannot be earned if taken after MGMT 349.

- *Credit cannot be earned toward any College of Business major or minor programs. No credit if taken after admission to College of Business.*

This course examines policies and practices relating to recruitment, selection, training and development, performance appraisal, reward systems, and employee relations. This course is for non-business students seeking a business elective or the business administration certificate.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

BSAD 120 Essentials of Personal Finance (2 crs)

Prerequisite: Credit cannot be earned if taken after FIN 135.

- *Credit cannot be earned toward any College of Business major or minor programs. No credit if taken after admission to College of Business.*

This course teaches how to manage your finances. You learn how to track spending, set up a budget, avoid hidden costs in transactions, and invest. You learn personal finance terminology used in the financial press.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

BSAD 125 Essentials of Marketing (2 crs)

Prerequisite: Credit cannot be earned if taken after MKTG 330.

- *Credit cannot be earned toward any College of Business major or minor programs. No credit if taken after admission to College of Business.*

This course provides students with a basic understanding of marketing. Students learn the role of product, price, promotion, and distribution in the marketing process and explore how marketing impacts their chosen field.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

BSAD 130 Essentials of Management (2 crs)

Prerequisite: Credit cannot be earned if taken after MGMT 340.

- *Credit cannot be earned toward any College of Business major or minor programs. No credit if taken after admission to College of Business.*

This course explores basic managerial functions such as planning, organizing, staffing, directing, and controlling. Topics include the application of management principles to include aspect of authority, departmentalization, line and staff relations, and comparative management.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

BSAD 135 Essentials of Business Communication (2 crs)

Prerequisite: Credit cannot be earned if taken after both BCOM 206 and BCOM 207.

- *Credit cannot be earned toward College of Business major or minor programs. No credit if taken after admission to College of Business.*

This course introduces students to the basics of business communication. Students learn to determine the most effective means to communicate the plan, revise, and polish communication for business.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

BSAD 140 Essentials of Information Systems (2 crs)

Prerequisite: Credit cannot be earned if taken after IS 240.

- *Credit cannot be earned toward any College of Business major or minor programs. No credit if taken after admission to College of Business.*

This course offers a focus on personal information systems to enhance your productivity in today's digital environment. It emphasizes computer use, tool integration, and support of business processes.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

BSAD 145 Essentials of Business Law (2 crs)

Prerequisite: Credit cannot be earned if taken after BSAD 305 or BSAD 306.

- *Credit cannot be earned toward any College of Business major or minor programs. No credit if taken after admission to College of Business.*

This course examines the business legal environment, including sources of law and forms of business ownership. You will learn basic principles of agency, contract law, warranty and commercial paper.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

BSAD 150 Essentials of Investing (2 crs)

Prerequisite: Credit cannot be earned if taken after FIN 320.

- *Credit cannot be earned toward any College of Business major or minor programs. No credit if taken after admission to College of Business.*

This course teaches the basics of financial investments. You will learn to identify investments and when and how much to invest. Topics include real estate, financial instruments, and insurance annuities. You will learn basic investment terminology.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

BSAD 155 Essentials of Leadership (2 crs)

Prerequisite: Credit cannot be earned if taken after MGMT 200 OR MGMT 340.

- *Credit cannot be earned toward any College of Business major or minor programs. No credit if taken after admission to College of Business.*

This course will examine how "good" leadership has evolved, delve into theories that describe the process of leadership, and explore the various roles 21st century leaders must embrace to be effective.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

BSAD 180 Foundations for Success in Business (3 crs)

Prerequisite: Declared College of Business major or COB undecided. Open to Freshman only.

Introduction to business and the integration of functional areas within business. Individual and group work investigating foundations of business success. Introduction to College of Business learning goals of teamwork, communication, and problem solving.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BSAD 191 Special Topics (1-3 crs)

Selected topics of special interest to students and faculty, not normally covered in regular classes.

Repeat: Course may be repeated for a maximum of 6 credits

BSAD 202 Business Statistics (3 crs)

Probability and statistics applied to business problems; frequency and probability distributions, mean and variance, normal distribution, hypothesis testing, linear regression and correlation.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BSAD 210 Service-Learning in Business Administration (1 cr)

Students must complete 30 hours of volunteer service. Type of service must be approved by your faculty supervisor. A journal must be kept throughout the service-learning project documenting when, how long, and the type of activity. The service-learning project must be completed within one calendar year (preferably one semester). Assignments outstanding longer than this will be graded unsatisfactory.

Attributes: Service-Learning, Full 30 Hours

Grading Basis: S/U Only Grade Basis

Lecture/Discussion Hours: 0

Lab/Studio Hours: 2

BSAD 300 Diversity in the Workplace (1 cr)

Prerequisite: Completion of 45 credits

Develops the awareness and sensitivity of students to issues of race, religion, culture, age, gender, sexual orientation, and disabilities in the workplace.

Attributes: Cultural Diversity 1 cr.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

BSAD 305 Legal and Regulatory Environment (2 crs)

Prerequisite: Completion of 54 credits

Legal environment affecting business decision making, including sources of law, court systems, civil procedure, negligence, intellectual property, criminal law standards, agency, partnerships, corporations and securities regulation, trade regulation, administrative law, and insurance law.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

BSAD 306 Business Law (3 crs)

Prerequisite: Minimum junior standing.

- *BSAD 305 is recommended prior to enrollment in this course.*

Law of contracts, sales, negotiable instruments, secured transactions, suretyship, bankruptcy, accountant's legal liability, personal property, bailments and documents of title, real estate, wills, trusts, and insurance.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BSAD 315 International Business Law (3 crs)

Prerequisite: Minimum junior standing.

A study of private and public law as it affects U.S. companies dealing in international business.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BSAD 380 Applied Quantitative Methods (3 crs)

Prerequisite: MATH 111 or MATH 114; BSAD 202 or MATH 246 or equivalent; IS 240.

- *This class requires access to a laptop computer which can be brought to class when required.*

Quantitative aspects of business decision-making, including regression, time-series, ANOVA, queuing, simulation, decision analysis, and other statistical and management science techniques.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BSAD 395 Directed Studies (1-4 crs)

Consent: Department Consent Required

Attributes: Undergraduate/Graduate Offering

BSAD 398 Internship Program I (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

- *Acceptance in Internship Program. See description under College of Business. A maximum of three credits of BSAD, MGMT, and MKTG 398 may be applied to the 120-credit graduation requirement. Students must have the service-learning option approved prior to starting the Internship.*

Students will participate in work experiences related to their area of interest.

Attributes: LE-11 Integration, Service-Learning Optional, Internship, Special Course Fee Required

Repeat: Course may be repeated for a maximum of 3 credits

BSAD 399 Independent Study Projects (1-4 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Lab/Studio Hours: 0

Repeat: Course may be repeated

Lecture/Discussion Hours: 1-4

BSAD 491 Selected Topics in Business (1-3 crs)

Prerequisite: Minimum senior standing. Admission to College of Business required. See current catalog for College of Business admission criteria.

Consent: Instructor Consent Required

Small groups will study topics selected because of a special interest on the part of students or faculty.

Repeat: Course may be repeated

Lecture/Discussion Hours: 1-3

Lab/Studio Hours: 0

BSAD 495 Directed Projects (3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Internship experiences in business situations relevant to student's major field of study; under supervision of faculty member.

Repeat: Course may be repeated

BSAD 498 Internship Program II (1-3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

- *Acceptance in Internship Program. See description under College of Business. Additive credit only. May not be applied to the 120-credit graduation requirement. Students must have the service-learning option approved prior to starting the Internship.*

Students will participate in work experiences related to their area of interest.

Attributes: LE-11 Integration, Service-Learning Optional, Internship, Special Course Fee Required

Repeat: Course may be repeated

BSAD 499 Independent Study Projects (1-4 crs)

Prerequisite: Minimum senior standing.
Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

BSAD 506 Business Law (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with BSAD 306. Credit may not be earned in both courses. BSAD 305 is recommended prior to enrollment in this course.*

Law of contracts, sales, negotiable instruments, secured transactions, suretyship, bankruptcy, accountant's legal liability, personal property, bailments and documents of title, real estate, wills, trusts, and insurance.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BSAD 595 Directed Studies (1-4 crs)

Consent: Department Consent Required

- *Cross-listed with ACCT 395.*

Individual project under the direction of a faculty member.

Grading Basis: No S/U Grade Option

BSAD 702 Statistical Analysis Foundation (2 crs)

Prerequisite: Limited to MBA students.

- *Not for MBA degree credit*

Emphasis placed on applied business statistics. Discussion focuses on probability, frequency and probability distributions, mean and variance, normal, chi-square, t and F distributions, hypothesis testing, regression, correlation, nonparametric statistics, and analysis of variance.

Attributes: Higher Cost Per Credit

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

BSAD 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

Business Communication (BCOM)

BCOM 206 Business Writing (2 crs)

Prerequisite: Minimum sophomore standing.

- *Business Writing Fundamentals Program or concurrent enrollment. Students who earn less than a B- (B minus) in BCOM 206 must complete BCOM 216 with a grade of C or above.*

Learn to write emails, memos, letters, reports, and employment documents. Adapt messages to existing and emerging technologies. Analyze audiences and use effective techniques to communicate using standard grammar, mechanics, punctuation, and document format.

Attributes: LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

BCOM 207 Business Presentations (2 crs)

Prerequisite: Minimum sophomore standing.

- *Students who earn less than a B- (B minus) in BCOM 207 must complete BCOM 217 with a grade of C or above.*

Students will learn to communicate professionally in meetings, roundtables, project teams, and individual presentations using appropriate psychology, sensitivity, and technology.

Attributes: LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

BCOM 216 Business Writing II (2 crs)

Prerequisite: BCOM 206 with a grade of C+ (C plus) or below.

- *Students who earn less than a B- (B minus) in BCOM 206 must complete BCOM 216 with a grade of C or above.*

The creation and enhancement of business documents through the application and study of problem solving strategies, analytical skills, and the principles of grammar, mechanics, and punctuation.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

BCOM 217 Business Presentations II (2 crs)

Prerequisite: BCOM 207 with a grade of C+ or below.

- *Students who earn less than a B- (B minus) in BCOM 207 must complete BCOM 217 with a grade of C or above.*

Develop your nonverbal, oral, and interpersonal communication skills and learn ways to minimize anxiety, develop organizational skills, and create a professional image for the business world.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

BCOM 306 Advanced Business Writing (2 crs)

Prerequisite: B- (B minus) or above in BCOM 206 or grade of C or above in BCOM 216.

Further develop your writing skills by creating formal business reports, news releases, instructions, and brochures. Explore writing for print vs. electronic environments. Develop a professional employment portfolio.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BCOM 307 Advanced Business Presentations (2 crs)

Prerequisite: CJ 202; B- (B minus) or above in BCOM 207 or grade of C or above in BCOM 217. Minimum junior standing.

Theory and practice in making presentations in a variety of professional settings using a variety of support media. Student presentations are evaluated.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BCOM 308 Technology for Business Communication (2 crs)

Prerequisite: BCOM 206 or BCOM 216 and BCOM 207 or BCOM 217.

Apply written, oral, and nonverbal communication skills for business purposes through a variety of technologies. Discuss emerging technologies and their effect on communication. Learn to manage information and engage in distance collaboration.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BCOM 317 Administrative Management (3 crs)

The role of the first-line supervisor in the organization is examined. Units with projects covering planning tools, employee selection, orientation and training, office productivity, and job analysis are covered.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

BCOM 365 Executive Profile Development (2 crs)

Designed to develop personal and social finesse in students preparing for professional careers. Emphasis on self-image, professionalism, and social etiquette. Units relate to development of the student's job campaign.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BCOM 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing. Minimum resident and total GPA 2.75. Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

BCOM 405 Advanced Business Communications (2 crs)

Prerequisite: BCOM 206 and BCOM 207 or consent of instructor.

An in-depth application of written, oral, and nonverbal communication. The class simulates a business organization involved with preparing, organizing, and delivering communication training seminars. Considerable emphasis on interpersonal and organizational communication within business.

Attributes: Undergraduate/Graduate Offering, Capstone Course
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

BCOM 490 Internship in Business Communication (1-3 crs)

Prerequisite: BCOM 206; BCOM 207. Grade of B- (B minus) or better in both BCOM 206 and BCOM 207. Minimum junior standing. Consent: Department Consent Required

• *Additional BCOM course work is recommended.*

Students gain on-the-job experience in business communication in a supervised professional setting.

Attributes: LE-11 Integration, Special Course Fee Required
Repeat: Course may be repeated for a maximum of 3 credits
Grading Basis: A-F Grades Only

BCOM 491 Selected Topics in Business Communication (1-3 crs)

Prerequisite: BCOM 206 or BCOM 216; BCOM 207 or BCOM 217. Minimum junior standing.

Selected topics in business communication chosen because of a special interest on the part of students or faculty.

Repeat: Course may be repeated for a maximum of 3 credits
Grading Basis: A-F Grades Only

BCOM 495 Directed Studies (1-3 crs)

• *Permission of department chair for each new topic.*

Permits a student or group of students to pursue a defined problem in an intensive way under the direction of departmental faculty members.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated
Grading Basis: No Auditors

BCOM 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing. Minimum resident and total GPA of 2.75. Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

BCOM 506 Advanced Business Writing (2 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with BCOM 306. Credit may not be earned in both courses.*

Further develop your writing skills by creating formal business reports, news releases, instructions, and brochures. Explore writing for print vs. electronic environments. Develop a professional employment portfolio.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

BCOM 507 Advanced Business Presentations (2 crs)

Prerequisite: Limited to MBA students.

Consent: Instructor Consent Required

- *Cross-listed with BCOM 307. Credit may not be earned in both courses.*

Theory and practice in making presentations in a variety of professional settings using a variety of support media. Student presentations are evaluated.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

BCOM 517 Administrative Management (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with BCOM 317. Credit may not be earned in both courses.*

The role of the first-line supervisor in the organization is examined. Units with projects covering planning tools, employee selection, orientation and training, office productivity, and job analysis are covered.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BCOM 605 Advanced Business Communications (2 crs)

Prerequisite: Limited to MBA students.

Consent: Instructor Consent Required

- *Cross-listed with BCOM 405. Credit may not be earned in both courses.*

An in-depth application of written, oral, and nonverbal communication. The class simulates a business organization involved with preparing, organizing, and delivering communication training seminars. Considerable emphasis on interpersonal and organizational communication within business.

Attributes: Capstone Course

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

BCOM 695 Directed Studies (1-3 crs)

Prerequisite: Limited to MBA students.

Consent: Department Consent Required

- *Cross-listed with BCOM 495. Permission of department chair for each new topic.*

Permits a student or group of students to pursue a defined problem in an intensive way under the direction of departmental faculty members.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

BCOM 705 Teaching Business Communications - Secondary and Post-secondary Levels (2 crs)

Instruction for graduate students interested in teaching Business Communications at the secondary and post-secondary level. This course will involve mastery of business communications content and the teaching methodology appropriate for the subject area.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

BCOM 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

BCOM 799 Thesis (1-4 crs)

- *Full-time equivalent.*

A description of acceptable topics and the precise nature of the thesis requirement is provided in the departmental program descriptions.

Repeat: Course may be repeated

Grading Basis: PR Only Grade Basis

Chemistry (CHEM)

CHEM 100 Chemistry: Issues and Answers (3 crs)

Prerequisite: No credit if taken after CHEM 101, CHEM 103, or CHEM 115.

- *No credit toward chemistry major or minor.*

An exploration into the world of atoms and molecules, designed to develop an understanding of the behavior of matter and how chemistry has both solved and created problems in our developing society.

Attributes: GE IIB Natural Science-Chemistry, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, LE-R3 Civic and Environmental Issues, Special Course Fee Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

CHEM 103 General Chemistry I (4 crs)

Prerequisite: MATH 20, or two years of college-preparatory algebra, or a suitable mathematics placement test score. High school chemistry completed. No credit if taken after or concurrently with CHEM 101 or CHEM 115.

Introduction to principles of chemistry, including atomic structure, periodic properties of elements, chemical bonding, molecular structure, physical properties of compounds, chemical reactions, and stoichiometry.

Attributes: GE IIB Natural Science-Chemistry, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

CHEM 104 General Chemistry II (4 crs)

Prerequisite: Grade of C or above in CHEM 101 or CHEM 103. No credit if taken after CHEM 115.

Continuation of Chemistry 103. Equilibrium, thermodynamic and kinetic aspects of chemical reactions; acid-base, precipitation and redox reactions; transition metal compounds; organic compounds; nuclear reactions.

Attributes: GE IIB Natural Science-Chemistry, Lab Science, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

CHEM 115 Chemical Principles (6 crs)

Prerequisite: MATH 109, or 3 years of above-average work in college-prep MATH and a suitable math placement test score. Strong performance in at least one year of high school chemistry. No credit if taken after or concurrently with CHEM 101, CHEM 103 or CHEM 104.

• See Note 3 in "Information for All Students about General Chemistry Placement."

Principles of chemistry, including chemical properties and the periodic table, atomic structure, chemical bonding, equilibria, thermodynamics, acid-base reactions, oxidation-reduction reactions and complexation reactions.

Attributes: GE IIB Natural Science-Chemistry, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 6

CHEM 121 Elementary Chemical Education (1 cr)

Prerequisite: CHEM 101 or CHEM 103. Limited to elementary education/science majors.

• No credit toward chemistry major or minor.

Elementary education majors will review chemical principles learned in Chemistry 101 or 103. They will then work on developing methods to teach those and related chemical principles to K-8 students.

Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

CHEM 127 Chemistry and Climate (3 crs)

• No credit toward chemistry major or minor.

An inquiry into the magnitude and causes of global climate change, and an introduction to the physical and chemical principles that drive the climate system. Assumes no prior experience with chemistry, physics, or earth science.

Attributes: GE IIB Natural Science-Chemistry, LE-K1 Natural Sciences, LE-R3 Civic and Environmental Issues
Lecture Hours: 2
Discussion Hours: 1

CHEM 150 Survey of Biochemistry (3 crs)

Prerequisite: Grade of C or above in CHEM 101, CHEM 103, or CHEM 115. No credit if taken after CHEM 152, IDIS 250, CHEM 325, CHEM 452, or CHEM 191 (Fall 1999-2000).

• No credit toward chemistry major or minor.

Introductory organic chemistry along with a survey of the structure, chemical reactivity, and biological activity of molecules derived from living systems. Emphasis will be placed on tying the course content to a greater understanding of human health and disease.

Attributes: GE IIB Natural Science-Chemistry
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CHEM 191 Current Topics in Chemistry (1-3 crs)

• No credit toward chemistry major or minor. Not applicable toward laboratory course requirement for natural sciences for B.A. and B.S. degrees in the College of Arts and Sciences.

Chemistry topics of current interest investigated at a level suitable for first and second year undergraduates.

Attributes: GE IIB Natural Science-Chemistry

CHEM 213 Quantitative Analysis (4 crs)

Prerequisite: Grade of C or above in CHEM 104 or CHEM 115, or consent of instructor.

Theory, applications, and calculations involved in methods of chemical analysis.

Attributes: LE-S3 Creativity, Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 6

CHEM 218 Introduction to Inorganic Chemistry (3 crs)

Prerequisite: CHEM 104 or CHEM 115.

Introduction to inorganic compounds and reactions, with emphasis upon their applications in the environment, in commerce, and in life. Principles of molecular structure, acid-base and redox reactions, and coordination chemistry are applied.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CHEM 274 Chemical Industry Seminar (1 cr)

Prerequisite: CHEM 104 or CHEM 115 or concurrent registration.

A series of lectures by faculty and industrial speakers introduce students to various chemical and related industries and to the career opportunities and occupational qualifications for careers in chemistry and related fields.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

CHEM 296 Student Academic Apprenticeship in Chemistry (1-2 crs)

Prerequisite: Total GPA of 3.0 required.

Consent: Department Consent Required

- *Grade of B (3.0) or above in the course in which the student will apprentice. No credit toward chemistry major.*

Qualified students, selected and supervised by faculty members, facilitate teaching and learning in a specific course. Students enhance their knowledge of chemistry and their ability to communicate that knowledge.

Attributes: Service-Learning, Full 30 Hours

Repeat: Course may be repeated for a maximum of 4 credits

Grading Basis: S/U Only Grade Basis

CHEM 304 Environmental Chemistry (3 crs)

Prerequisite: CHEM 104 or CHEM 115.

A study of the chemistry of the environment, including the atmosphere, natural waters, and soils. Students will refine chemical knowledge by examining specific problems related to environmental issues.

Attributes: GE IIB Natural Science-Chemistry

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CHEM 318 Bioinorganic Chemistry (3 crs)

Prerequisite: CHEM 218, CHEM 321, or CHEM 325.

This course will explore the biological chemistry of the transition metals, including metalloprotein structure and function, small-molecule synthetic modeling systems, metal ion trafficking in biological systems, bioorganometallic chemistry, and the uses of metals in medicine.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CHEM 325 Organic Chemistry I with Laboratory (4 crs)

Prerequisite: CHEM 104 or CHEM 115 with a grade of C or above. No credit if taken after CHEM 321 or CHEM 322.

Introduces molecular structure and bonding, organic nomenclature, acid/base properties of organic compounds, stereochemistry, resonance, mechanisms, and synthetic reactions illustrating functional group interconversion. Microscale laboratory techniques for the preparation, isolation, purification, and characterization of organic compounds.

Attributes: GE IIB Natural Science-Chemistry, Lab Science, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 3

CHEM 326 Organic Chemistry II with Laboratory (4 crs)

Prerequisite: CHEM 325 with a grade of C or above.

Provides a deeper analysis of organic synthesis and mechanisms, including substitution, elimination, aromatic, carbonyl and enolate chemistry. An emphasis on multistep synthesis and detailed mechanisms. The laboratory component involves advanced purification and synthetic techniques.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 3

CHEM 352 Fundamentals of Biochemistry (4 crs)

Prerequisite: CHEM 326 or concurrent enrollment. Credit may not be earned in both CHEM 352 and CHEM 452.

- *No more than six credits from a combination of CHEM 352 and CHEM 454 for chemistry majors, chemistry minors, or biochemistry/molecular biology majors.*

This course is designed for nonbiochemistry/molecular biology science majors who require a one semester course in biochemistry. The fundamental chemical, structural, and metabolic aspects of lipids, proteins, carbohydrates, and nucleic acids are covered.

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

CHEM 361 Molecules and Medicine (3 crs)

Prerequisite: CHEM 326 and BIOL 111.

The major classes of medicinally-active natural and synthetic drugs, their structure, design, origin, biosynthesis and mode of action will be presented. This course will also cover basic pharmacology and modern drug design principles.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CHEM 397 Chemical Literature and Communication (2 crs)

Prerequisite: Limited to chemistry majors.

Consent: Instructor Consent Required

Focuses on modern chemical information literacy, preparing presentations, literature reviews, manuscripts and proposals. May also include chemical safety, ethics, experimental design, formulating research questions.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

CHEM 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Individual research projects under the direction of a faculty member.

Repeat: Course may be repeated

CHEM 401 Inorganic Chemistry (3 crs)

Prerequisite: CHEM 218; and CHEM 433 or concurrent registration.

Structure, bonding, and reactivity of inorganic compounds. Symmetry and group theory, vibrational analysis, and molecular orbital theory. Arrhenius and Lewis acid/base concepts. Organometallic and bioinorganic compounds, reactions, and mechanisms.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CHEM 405 Applied Physical Chemistry (3 crs)

Prerequisite: CHEM 213, CHEM 218, CHEM 326; MATH 111 or MATH 114; PHYS 211, PHYS 212. No credit if taken after CHEM 433 or CHEM 434. No more than four credits can be counted from a combination of CHEM 405, CHEM 406, and CHEM 433 toward any chemistry major or minor.

Includes the following topics, with an emphasis on applications: thermodynamics, kinetics, electrochemistry, phase equilibria, properties of solutions, spectroscopy, and quantum theory.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CHEM 406 Biophysical Chemistry (4 crs)

Prerequisite: CHEM 352 or CHEM 452; PHYS 212 or PHYS 232; MATH 111 or MATH 114. No credit if taken after CHEM 433 or CHEM 434. No more than four credits can be counted from a combination of CHEM 405, CHEM 406, and CHEM 433 toward any chemistry major or minor.

Consent: Instructor Consent Required

An introduction to the physical chemical approaches to studying biological macromolecules. Emphasis will be placed on thermodynamics, and the methods for determining and analyzing the structures and functions of biological macromolecules.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

CHEM 411 Survey of Industrial Chemistry (3 crs)

Prerequisite: CHEM 218 and CHEM 326.

- *Capstone experience for chemistry with business emphasis majors.*

Survey of manufacturing processes, applications, and economics of major inorganic and organic chemicals and polymers, including those involved in the production of plastics, fibers, elastomers, pesticides, pharmaceuticals, detergents, electronics, and pollution control technologies.

Attributes: Undergraduate/Graduate Offering, Capstone Course, Field Trip(s) Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CHEM 420 Advanced Synthesis Laboratory (2 crs)

Prerequisite: CHEM 218 and CHEM 323 or CHEM 326. No credit if taken after CHEM 324.

An advanced, interdisciplinary laboratory experience with emphasis on the synthesis, purification, and spectroscopic characterization of inorganic and organic compounds.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

CHEM 426 Modern Organic Chemistry (3 crs)

Prerequisite: CHEM 326

Selected advanced topics in organic chemistry, including reaction mechanisms and synthesis, with emphasis on recent developments in the field.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CHEM 433 Physical Chemistry I (4 crs)

Prerequisite: CHEM 213, CHEM 218; MATH 215; PHYS 232 or concurrent enrollment. No more than four credits can be counted from a combination of CHEM 405, CHEM 406, and CHEM 433 toward any chemistry major or minor.

A quantitative study of the physical properties of matter emphasizing the macroscopic perspective. Topics include: gas behavior, chemical thermodynamics, phase equilibrium, mixtures and solutions, chemical equilibrium, electrochemistry, and chemical kinetics.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

CHEM 434 Physical Chemistry II (4 crs)

Prerequisite: CHEM 433

Continuation of Chemistry 433. The quantitative study of the physical properties of matter emphasizing the microscopic perspective. Topics include: quantum theory, atomic and molecular structure, chemical bonding, molecular symmetry, spectroscopy, resonance techniques, and statistical mechanics.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

CHEM 438 Physical Analysis Laboratory (2 crs)

Prerequisite: CHEM 434 or concurrent registration.

An advanced, project-oriented laboratory course in physical and analytical chemistry. Beyond reinforcing the fundamental concepts in these sub-fields, particular emphasis will be placed on technical writing, and the development of hands-on laboratory skills.

Attributes: Undergraduate/Graduate Offering, Capstone Course, Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

CHEM 442 Instrumental Analysis (3 crs)

Prerequisite: CHEM 218; CHEM 434 or concurrent enrollment and CHEM 438 or concurrent enrollment.

The theory, operation, and analytical applications of chemical instrumentation, including areas such as spectroscopy, separation science, and electrochemistry.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

CHEM 444 Modern Applied Separations and Spectrometry (3 crs)

Prerequisite: CHEM 213, CHEM 218, and CHEM 326 or concurrent enrollment.

Laboratory-centered instruction in the application of modern chromatography (GC and HPLC) spectrometry (MS, UV/Vis and FT-IR) to the analysis of real-world samples. Emphasis on preparation to BS-level careers in chemical industry.

Attributes: Field Trip(s) Required, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 3

CHEM 452 Biochemistry I (3 crs)

Prerequisite: CHEM 323 or CHEM 326. Credit may not be earned in both CHEM 352 and CHEM 452.

Chemistry of important constituents of living matter. Topics include proteins, carbohydrates, lipids, and nucleic acids. Also included are bioenergetics and basic enzyme kinetics and mechanism.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CHEM 453 Biochemistry Laboratory (2 crs)

Prerequisite: CHEM 213; CHEM 452 or concurrent registration.
Consent: Instructor Consent Required

Study of experimental methods of analysis in biochemistry and their use in determination of structure and function.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

CHEM 454 Biochemistry II (3 crs)

Prerequisite: CHEM 452

Study of advanced concepts in biochemistry, especially those involving metabolism and their regulatory mechanism of action.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CHEM 460 Polymer Chemistry (3 crs)

Prerequisite: Grade of C or above in CHEM 326.

An introduction to synthetic and naturally occurring polymers with a focus on synthesis, analysis, and structure/property relationships. The history and development of polymers will be discussed as well as the impact on industry and society.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CHEM 491 Special Topics (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Instructor Consent Required

Lectures with possible laboratory work covering specific areas not normally discussed in regular classes, and of special interest to students or faculty. Possible topics include medicinal chemistry, wastewater chemistry and applied spectroscopy.

Attributes: Special Course Fee Required

CHEM 495 Directed Studies (1-3 crs)

Prerequisite: 15 credits in college CHEM courses.

Consent: Department Consent Required

Course projects will be structured to fit the needs, interests, and goals of the students.

Repeat: Course may be repeated

CHEM 497 Independent Study (ACS) (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

• *College of Arts and Sciences rules governing independent study apply.*

Individual research projects under the direction of a faculty member. A comprehensive written report describing the work completed, including an appropriate bibliography, is required.

Repeat: Course may be repeated for a maximum of 6 credits

CHEM 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Individual research projects under the direction of a faculty member.

Repeat: Course may be repeated

CHEM 601 Inorganic Chemistry (3 crs)

Prerequisite: CHEM 218; and CHEM 433/CHEM 633 or concurrent registration.

- *Cross-listed with CHEM 401. Credit may not be earned in both courses.*

Structure, bonding, and reactivity of inorganic compounds. Symmetry and group theory, vibrational analysis, and molecular orbital theory. Arrhenius and Lewis acid/base concepts. Organometallic and bioinorganic compounds, reactions, and mechanisms.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CHEM 611 Survey of Industrial Chemistry (3 crs)

Prerequisite: CHEM 218 and CHEM 326.

- *Cross-listed with CHEM 411. Credit may not be earned in both courses.*

Survey of manufacturing processes, applications, and economics of major inorganic and organic chemicals and polymers, including those involved in the production of plastics, fibers, elastomers, pesticides, pharmaceuticals, detergents, electronics, and pollution control technologies.

Attributes: Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CHEM 626 Modern Organic Chemistry (3 crs)

Prerequisite: CHEM 326

- *Cross-listed with CHEM 426. Credit may not be earned in both courses.*

Selected advanced topics in organic chemistry, including reaction mechanisms and synthesis, with emphasis on recent developments in the field.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CHEM 633 Physical Chemistry I (4 crs)

Prerequisite: CHEM 213, CHEM 218; MATH 215; PHYS 232 or concurrent enrollment.

- *Cross-listed with CHEM 433. Credit may not be earned in both courses.*

A quantitative study of the physical properties of matter emphasizing the macroscopic perspective. Topics include: gas behavior, chemical thermodynamics, phase equilibrium, mixtures and solutions, chemical equilibrium, electrochemistry, and chemical kinetics.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

CHEM 634 Physical Chemistry II (4 crs)

Prerequisite: CHEM 433/CHEM 633

- *Cross-listed with CHEM 434. Credit may not be earned in both courses.*

Continuation of Chemistry 433/633. The quantitative study of the physical properties of matter emphasizing the microscopic perspective. Topics include: quantum theory, atomic and molecular structure, chemical bonding, molecular symmetry, spectroscopy, resonance techniques, and statistical mechanics.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

CHEM 638 Physical Analysis Laboratory (2 crs)

Prerequisite: CHEM 434/CHEM 634 or concurrent registration.

- *Cross-listed with CHEM 438. Credit may not be earned in both courses.*

An advanced, project-oriented laboratory course in physical and analytical chemistry. Beyond reinforcing the fundamental concepts in these sub-fields, particular emphasis will be placed on technical writing, and the development of hands-on laboratory skills.

Attributes: Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

CHEM 642 Instrumental Analysis (3 crs)

Prerequisite: CHEM 218; CHEM 434/CHEM 634 or concurrent enrollment and CHEM 438/CHEM 638 or concurrent enrollment.

- *Cross-listed with CHEM 442. Credit may not be earned in both courses.*

The theory, operation, and analytical applications of chemical instrumentation, including areas such as spectroscopy, separation science, and electrochemistry.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

CHEM 652 Biochemistry I (3 crs)

Prerequisite: CHEM 326 or CHEM 323. Credit may not be earned in both CHEM 352 and CHEM 452/ CHEM 652.

- *Cross-listed with CHEM 452. Credit may not be earned in both courses.*

Chemistry of important constituents of living matter. Topics include proteins, carbohydrates, lipids, and nucleic acids. Also included are bioenergetics and basic enzyme kinetics and mechanism.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CHEM 653 Biochemistry Laboratory (2 crs)

Prerequisite: CHEM 213; CHEM 452/CHEM 652 or concurrent registration.

Consent: Instructor Consent Required

- *Cross-listed with CHEM 453. Credit may not be earned in both courses.*

Study of experimental methods of analysis in biochemistry and their use in determination of structure and function.

Attributes: Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

CHEM 654 Biochemistry II (3 crs)

Prerequisite: CHEM 452/CHEM 652

- *Cross-listed with CHEM 454. Credit may not be earned in both courses.*

Study of advanced concepts in biochemistry, especially those involving metabolism and their regulatory mechanism of action.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CHEM 660 Polymer Chemistry (3 crs)

Prerequisite: Grade of C or above in CHEM 326.

- *Cross-listed with CHEM 460. Credit may not be earned in both courses.*

An introduction to synthetic and naturally occurring polymers with a focus on synthesis, analysis, and structure/property relationships. The history and development of polymers will be discussed as well as the impact on industry and society.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CHEM 796 Directed Studies (1-3 crs)

Summer workshop for teachers.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

CHEM 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

Chinese (CHIN)

CHIN 101 Beginning Chinese (4 crs)

Prerequisite: Placement Test Required

An introduction to the language and culture of China. Includes basic grammar with practical application to all language skills: listening, speaking, reading, writing.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

CHIN 102 Beginning Chinese (4 crs)

Prerequisite: CHIN 101 or suitable placement score on the Chinese Placement Exam.

Continuation of Chinese 101.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

CHIN 110 Intensive Beginning Chinese (Mandarin) (16 crs)

- *Taught only at Jinan University, Guangzhou, China.*

Emphasis on basic vocabulary, grammar, speaking, listening, and writing.

Attributes: GE IA Communication-Language Arts

Lecture/Discussion Hours: 16

Lab/Studio Hours: 6

CHIN 201 Intermediate Chinese (4 crs)

Prerequisite: CHIN 102 or suitable placement score on the Chinese Placement Exam.

Review of basic Chinese grammar and vocabulary; translation; conversation; writing; Chinese calligraphy.

Attributes: GE IA Communication-Language Arts

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

CHIN 202 Intermediate Chinese (4 crs)

Prerequisite: CHIN 201 or suitable placement score on the Chinese Placement Exam.

Continuation of Chinese 201.

Attributes: GE IA Communication-Language Arts

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

CHIN 210 Intensive Intermediate Chinese (Mandarin) (16 crs)

Prerequisite: CHIN 110

- Taught only at Jinan University, Guangzhou, China.

Development of fundamental skills in vocabulary, grammar, speaking, listening, and writing. Continuation of Chinese 110.

Attributes: GE IA Communication-Language Arts

Lecture/Discussion Hours: 16

Lab/Studio Hours: 6

Collaborative Nursing (CND)

CND 310 Bridge to Professional Nursing (2 crs)

Consent: Department Consent Required

Introductory course for the BSN completion students with emphasis on self as a professional and the context of the discipline of professional nursing.

Attributes: BSN Completion Program, Higher Cost Per Credit, Special Course

Fee Required Varies by Term/Section

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

CND 407 Foundations of Professional Nursing Practice (3 crs)

Prerequisite: Limited to BSN completion program students admitted to the College of Nursing and Health Sciences.

Consent: Department Consent Required

Philosophical perspectives, theories, and standards are applied to the practice of professional nursing. Factors influencing nursing/health care delivery are analyzed. Professional communication skills are enhanced. This is a writing emphasis course.

Attributes: BSN Completion Program, Higher Cost Per Credit, Special Course

Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CND 441 Chronic Care Management (3 crs)

Prerequisite: Limited to BSN completion program students admitted to the College of Nursing and Health Sciences.

Consent: Department Consent Required

Exploration of interaction of biological, psychological, social, and environmental factors important to understanding management of chronic conditions at the individual, family, community, and societal levels.

Attributes: BSN Completion Program, Higher Cost Per Credit, Special Course

Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CND 446 Research and Evidence-Based Practice (3 crs)

Prerequisite: MATH 246 with a grade of C or above or equivalent; Limited to BSN completion program students admitted to the College of Nursing and Health Sciences.

Consent: Department Consent Required

This course introduces the importance of research to improve clinical practice, strategies to evaluate the quality of research and evidence, and increase integration of research into practice.

Attributes: BSN Completion Program, Higher Cost Per Credit, Special Course

Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CND 447 Leadership & Management (3 crs)

Prerequisite: Limited to BSN completion program students admitted to the College of Nursing and Health Sciences.

Consent: Department Consent Required

Examines nursing leadership and management using relevant theories and concepts. Analyze decision-making in relation to communication, delegation, supervision and group process.

Attributes: BSN Completion Program, Higher Cost Per Credit, Special Course

Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CND 453 Information Management and Healthcare Technology (3 crs)

Prerequisite: Limited to BSN completion program students admitted to the College of Nursing and Health Sciences.

Consent: Department Consent Required

Utilize computer and information/decision science to support quality and safety in health care. Explores informatics issues and examine nursing's role in healthcare technology. Opportunities to use and master various healthcare technologies and healthcare data.

Attributes: BSN Completion Program, Higher Cost Per Credit, Special Course

Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CND 454 Community Health Nursing (3 crs)

Prerequisite: Limited to BSN completion program students admitted to the College of Nursing and Health Sciences.

Consent: Department Consent Required

Nursing care of populations and communities to facilitate optimal health outcomes.

Attributes: BSN Completion Program, Higher Cost Per Credit, Special Course

Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CND 480 Nursing within Systems: Analysis and Application (4 crs)

Prerequisite: CND 310 and CND 407 both with a grade of C or above. Limited to BSN completion program students admitted to the College of Nursing and Health Sciences.

Capstone course for BSN completion students. Focuses on provision of quality care within a global and culturally diverse society, leadership within interdisciplinary systems of care, and provision of care in public health or community settings.

Attributes: LE-11 Integration, LE-S3 Creativity, Service-Learning, Full 30 Hours, Capstone Course, BSN Completion Program, Special Course Fee Required Varies by Term/Section

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

CND 490 Special Topics (2-4 crs)

Consent: Department Consent Required

Variable content course designed to allow either breadth of study in topics not covered in core nursing courses or depth of investigation in particular nursing and health care issues. Interests of faculty provide topics.

Attributes: Cultural Diversity Variable, BSN Completion Program, Higher Cost Per Credit, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated for a maximum of 12 credits

CND 495 Directed Studies (1-3 crs)

Prerequisite: Limited to BSN completion program students.

Consent: Department Consent Required

Repeat: Course may be repeated for a maximum of 6 credits

CND 499 Independent Study (1-3 crs)

Prerequisite: Limited to BSN completion program students. Minimum resident and total GPA of 3.00. Minimum senior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated for a maximum of 6 credits

Communication & Journalism (CJ)

CJ 100 Introduction to Forensics (1 cr)

• *May be taken once for credit and in combination with CJ 200 for total of four credits.*

Basic preparation for participation in intercollegiate forensics. Exposure to the fundamentals of competitive forensics events: public address, limited prep, interpretation of literature. Required minimum travel to one intercollegiate tournament. Designed for limited competition.

Attributes: Activity

Lecture/Discussion Hours: 1

Lab/Studio Hours: 1

CJ 105 Communication in Contemporary Society (3 crs)

Critical analysis of the roles of producers and consumers of messages in interpersonal, group, organizational, and mass communication. Emphasizes social, economic, and political implications of media convergence in a democratic and global society.

Attributes: GE IA Communication-Language Arts, LE-K3 Humanities

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 111 Gender, Race, Class, and Communication: The Social Construction of Identity (3 crs)

• *Credit may not be earned in both CJ 111 and WMNS 111.*

Students investigate ways in which perceptions of, and experiences with, gender, race, and class are communicatively constructed. Focus on communication theories and methods and how gender, race, and class influence personal, group, and organizational communication.

Attributes: Cultural Diversity 1 cr., GE IA Communication-Language Arts, LE-DDIV Design for Diversity, LE-11 Integration, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 184 Multimedia Communication (3 crs)

The course will introduce students to the various media, key concepts and practices used to deliver mediated messages, including print, photo, audio, video and web technologies.

Attributes: LE-S3 Creativity, Special Course Fee Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

CJ 201 Introduction to Interpersonal Communication (3 crs)

Emphasizes knowledge of the factors and processes affecting communication in relatively unstructured face-to-face contexts, and the development of communication skill in those contexts. Topics include relationships, conflict, self-concept, and self-presentation.

Attributes: GE IA Communication-Language Arts, LE-K2 Social Sciences, LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 202 Fundamentals of Speech (3 crs)

Prerequisite: No credit if taken after CJ 204. No credit toward major or minor in Journalism, Integrated Strategic Communication or Communication: Organizational Communication emphasis if taken after CJ 203.

Fundamentals of effective public speaking from both speaker and listener perspectives. Preparation, presentation, and evaluation of student speeches. Special attention given to topics related to cultural diversity.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 203 Fundamentals of Human Communication (3 crs)

Prerequisite: No credit for Communication: Communication Studies major. No credit for major/ minor in Journalism, Integrated Strategic Communication, Communication: Organizational Communication or Communication: Communication studies minor if taken after CJ 202.

Communication competence enhanced through introduction to human communication knowledge and relational, group, and public speaking skills. Addresses benefits of communication skills in students' professional, civic, and personal lives.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 205 Listening (3 crs)

Prerequisite: Completion of University Writing Requirement. Minimum sophomore standing.

Analysis of the nature, process, barriers to, and improvement of listening skills. Frequent testing and measuring of students' listening skills will occur. Listener and message variables as related to comprehension are discussed.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 206 Human Communication Theory (3 crs)

Theoretical genres for the study, analysis, and practice of effective communication. General theories of human communication, contextual theories of interpersonal, group, organizational, public, and mass communication.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 207 Introduction to Rhetoric and Society (3 crs)

A survey of the role of persuasive messages in society, with attention to classical foundations and a focus on tools for thinking critically about contemporary communication.

Attributes: GE IA Communication-Language Arts, LE-K3 Humanities, LE-R3 Civic and Environmental Issues

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 222 Beginning Journalism (3 crs)

Prerequisite: Completion of University Writing Requirement. Grades of C or above in CJ 105 and CJ 184. Minimum sophomore standing.

• *Credit may not be earned in both CJ 222 and CJ 235.*

Introduction to news writing, reporting and editing across media platforms. Emphasis on the foundational principles, practices and purpose of journalism. Accuracy, verification, deadlines, information-gathering, news judgment, balanced and independent reporting are stressed. Selected news coverage of community required.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

CJ 241 Audio and Video Production Process (3 crs)

Prerequisite: Completion of University Writing Requirement.

Strategies for communicating messages and ideas via the radio and television media; introduction to basic radio and television production equipment, techniques, and vocabulary.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

CJ 250 Introduction to Organizational Communication (3 crs)

Communication theories, concepts, skills, and insights required of organizational newcomers are emphasized.

Attributes: GE IA Communication-Language Arts, LE-K2 Social Sciences

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 260 Introduction to Integrated Strategic Communication (3 crs)

Prerequisite: Grade of C or above in CJ 184. Completion of University Writing Requirement. Minimum sophomore standing.

Introduces students to how organizations use strategic communications to build reputation and manage their brand. Emphasizes multimedia.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 1

CJ 273 Creative and Narrative Nonfiction (3 crs)

• *Credit may not be earned in both CJ 273 and ENGL 273.*

Survey of nonfiction works (reportage, autobiography, travel, and nature writing) which combines factual reporting with literary techniques to reveal American society.

Attributes: LE-K4 Fine Arts

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

CJ 280 Visual Communication (3 crs)

A survey of visual messages in a variety of media. Emphasis on evaluating the internal qualities of visual communication--shape, type, color--and external qualities such as history and culture.

Attributes: GE IA Communication-Language Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 284 Introduction to Photography (3 crs)

• *Audit by permission of instructor only.*

A beginning course in working with camera capture and output using current software and hardware digital technologies. Color theory and historical perspective included. The course will emphasize producing a portfolio of photojournalistic work.

Attributes: LE-S3 Creativity, Special Course Fee Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

CJ 300 Research Methods (3 crs)

Prerequisite: Completion of 45 credits; Grades of C or above in CJ 105 or CJ 184 and one of the following: CJ 206, CJ 222, CJ 250, CJ 260, CJ 265, or CJ 270. Limited to communication and integrated strategic communication majors and minors.

Study of research methods, quantitative and qualitative measurement techniques, and data analysis methods common to the fields of communication and mass communication. Emphasis on basic information-gathering and research skills needed to design, conduct and critically consume research.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 1

CJ 301 Intercultural Communication (3 crs)

Prerequisite: Minimum sophomore standing.

Develops an awareness, appreciation, and understanding of the complexity of communicating across different cultures. Analysis and application of appropriate principles and theories.

Attributes: Cultural Diversity 2 cr., GE IA Communication-Language Arts, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity, LE-R3 Civic and Environmental Issues

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 303 Research Methods for Journalists (3 crs)

Prerequisite: Grade of C or above in CJ 321 or concurrent enrollment; grades of C or above in CJ 184 and CJ 222. Limited to journalism majors and minors.

Study of research methods for critically analyzing, gathering, calculating, and displaying data (quantitative and qualitative) for informative and interesting news stories.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 1

CJ 306 Topics in Advanced Interpersonal Communication (3 crs)

Prerequisite: Grade of C or above in CJ 201 or CJ 203, or consent of instructor.

In-depth exploration of interpersonal theory, research, and concepts. Topics may include conflict and communication, family communication, and others.

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 307 Small Group Communication (3 crs)

Prerequisite: Minimum sophomore standing.

Theories, concepts, and skills to improve small group communication. Includes principles of group dynamics, decision-making, problem-solving, interpersonal conflict, leadership, and team-building.

Attributes: GE IA Communication-Language Arts, LE-R3 Civic and Environmental Issues, LE-S1 Written and Oral Communication, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 310 Communication Analysis (3 crs)

Prerequisite: Minimum junior standing.

A study of the methods for analysis of messages and their application to examples of contemporary communication.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 311 Mass Media History (3 crs)

Prerequisite: Minimum sophomore standing.

Highlights the origins, growth, and evolution of America's mass media from their early Western European background to the diversity of the modern day.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 312 Communication and Gender (3 crs)

Prerequisite: CJ 201. Minimum sophomore standing.

Study and analysis of how gender is affected by and affects communication behavior. Special attention is given to theories of gender development and how communication affects the social construction of gender.

Attributes: GE IA Communication-Language Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 314 Mass Media and Popular Culture (3 crs)

Prerequisite: CJ 105

Popular culture is the result of human communicative activity, primarily via the mass media. This course is an examination of the relationships between mass media, popular culture, and society.

Attributes: GE IA Communication-Language Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 317 Diversity & Communication: Organizational & Media Contexts (3 crs)

Prerequisite: Minimum sophomore standing.

- *Credit may not be earned in both CJ 317 and WMNS 317.*

Reading, writing, and discussion about how gender, race, class, sexual orientation, (dis)ability, and psychographics intersect in organizational and media contexts. Emphasizes collaborative learning, research, and activism to analyze perceptions, language choices, and behaviors surrounding diversity.

Attributes: GE IA Communication-Language Arts, LE-K3 Humanities, LE-R1

Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 318 Topics in Communication and Social Advocacy (3 crs)

Prerequisite: CJ 207 or consent of instructor

Theory and methods for examining social advocacy communication. Civic, social, or environmental topics related to social movements and nonprofits.

Attributes: GE IA Communication-Language Arts, LE-R3 Civic and Environmental Issues, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 319 International Communication (3 crs)

The structure and content of mass communication around the world. Problems in the flow of information both within and among nations.

Attributes: GE IA Communication-Language Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 321 Intermediate Journalism (3 crs)

Prerequisite: Grades of C or above in CJ 184 and CJ 222.

Study and practice of news reporting, writing and editing with a broadcast emphasis. Special attention given to producing television news packages and weekly television newscast cablecast live on public access channel and posted on multimedia digital news site.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

CJ 322 Immersion Journalism (3 crs)

Prerequisite: CJ 321 or CJ 373 or consent of instructor. Limited to communication, journalism, and integrated strategic communication majors and minors.

Immersion reporting. Multimedia journalism documenting social issues in underrepresented communities. Topic and location vary.

Attributes: Field Trip(s) Required

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

CJ 350 Human Resource Development (3 crs)

Prerequisite: Grades of C or above in CJ 300 and CJ 307, or grades of C or above in MATH 246 and MGMT 340.

Introduction to the human resource development field, emphasizing training and development. HRD needs assessment; design, delivery, and evaluation of programs for employee development.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 351 Strategic Event Planning (3 crs)

Prerequisite: Grades of C or above in CJ 250 or CJ 260 or CJ 265 or CJ 270, or consent of instructor. Minimum junior standing.

Theory and practice of using events to advance impressions of organizations. Focus on the role of effective communication in assessing needs, and designing, delivering and evaluating events. Students will plan and execute an event.

Attributes: Service-Learning, Half 15 Hours, Undergraduate/Graduate Offering, Field Trip(s) Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 355 Advanced Organizational Communication: Strategic Message Design (3 crs)

Prerequisite: Grades of C or above in CJ 202 and CJ 250, or consent of instructor. Minimum junior standing

Analysis and design of messages for use in a variety of organizational contexts. Emphasis on key role of messages in organizations, analysis of organizational needs, and creation of messages to address them.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 357 Professional Communication (3 crs)

Prerequisite: Grade of C or above in CJ 202. Minimum junior standing.

Theories, skills, and strategies needed to become an effective communicator in business and professional settings. Special attention given to developing ethical and mindful interviewing and professional speaking skills and strategies.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 362 Strategic Media Planning (3 crs)

Prerequisite: Grades of C or above in CJ 260 or CJ 265 or CJ 270 and CJ 300. Limited to communication, journalism, and integrated strategic communication majors and minors.

Understanding the basic principles, objectives, and research data by which media plans are devised and strategically implemented.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 365 Advertising Message Strategy (3 crs)

Prerequisite: Grades of C or above in CJ 184, CJ 260 or CJ 265, and CJ 300. Limited to communication, journalism, and integrated strategic communications majors and minors.

Principles and practice of advertising message development using writing and design skills. Emphasis on portfolio development, strategic planning, concept formation, and idea presentation.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 370 Magazine Editing and Design (3 crs)

Prerequisite: Minimum resident and total GPA of 2.50. Minimum junior standing.

Study of editorial, business, and administrative procedures for general and special interest magazines. Production of prospectus and an original online magazine.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 373 Writing for Public Relations (3 crs)

Prerequisite: Grades of C or above in CJ 260 or CJ 265 or CJ 270 and CJ 300. Completion of University Writing Requirement. Limited to communication, journalism, and integrated strategic communication majors and minors. Minimum sophomore standing.

Instruction and practice designed to develop the professional writing skills expected of public relations practitioners, emphasizing the different approaches required for different audiences and media. Topics include print writing, broadcast writing, and internet/social media writing.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

CJ 374 Integrated Strategic Communication (ISC) Campaign Design and Evaluation (3 crs)

Prerequisite: Grades of C or above in CJ 260 or CJ 265 or CJ 270 and CJ 300.

Research and planning to develop Integrated Strategic Communication (ISC) campaigns. Topics include formative research, data analysis, account planning, message design, and evaluation.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 380 Visual Communication Design (3 crs)

Prerequisite: Grade of C or above in CJ 184.

A study of graphic details. Course activities emphasize problem-solving to meet the unique needs of visual projects and developing a portfolio.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

CJ 384 Studio Lighting (3 crs)

Prerequisite: Grade of B or above in CJ 284 or ART 281. Minimum sophomore standing.

- *Audit by permission of instructor only.*

Fundamentals of lighting in a controlled studio environment with an emphasis on portraiture photography and product shots for advertising.

Attributes: Special Course Fee Required
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

CJ 390 Communication in Interpersonal and Cultural Contexts (3 crs)

Prerequisite: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies degree.

- *No credit for major or minor in communication, mass communication or journalism.*

Emphasizes skills and knowledge for competent communication in interpersonal contexts and in globally and domestically diverse situations. Analysis and application of principles and theories including conflict, self-concept and self-presentation within and between diverse populations.

Attributes: Cultural Diversity 1 cr., BPS Flat Rate Tuition

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 391 Communication in Organizations: Perspectives and Applications (3 crs)

Prerequisite: Limited to organizational leadership and communication comprehensive major, Bachelor of Professional Studies degree.

- *No credit for major or minor in communication, mass communication or journalism.*

Explores the role of competent communication in organizational effectiveness and member satisfaction. Review major perspectives and key theories of organizational communication, and builds skills for leadership and management in corporate and community organizations.

Attributes: LE-K2 Social Sciences, BPS Flat Rate Tuition

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 392 Communication in Teams and Groups (3 crs)

Prerequisite: Limited to organizational leadership and communication comprehensive major, Bachelor of Professional Studies degree.

- *No credit for major or minor in communication, mass communication or journalism.*

Theories, concepts and skills to enhance communication in community and professional groups and teams. Includes problem-solving, decision-making, conflict resolution, team-building, and leadership.

Attributes: LE-S1 Written and Oral Communication, BPS Flat Rate Tuition

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 397 Student Academic Apprenticeship (1-3 crs)

Prerequisite: Twelve or more credits in CJ, with grade of B or above in the course in which the student will be apprenticed. Minimum junior standing.

Minimum resident and total GPA of 2.80.

Consent: Department Consent Required

Qualified students, selected and supervised by faculty members, facilitate teaching and learning in a specific course or courses.

Repeat: Course may be repeated for a maximum of 6 credits

CJ 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

CJ 405 Communication and Conflict (3 crs)

Prerequisite: Grade of C or above in CJ 201, or consent of instructor; Grade of C or above in CJ 300 or concurrent enrollment.

Analysis of the nature and development of conflict from a communication perspective. Focus on how researchers conceive of conflict theories, types and causes of conflict, and skills for effective conflict management from confrontation through reconciliation.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 406 Persuasion (3 crs)

Prerequisite: Grade of C or above in CJ 202. Minimum junior standing.

Theoretical perspectives for the study, analysis, and design of persuasive communication. Emphasis on ethical, logical, and psychological bases of persuasion.

Attributes: GE IA Communication-Language Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 407 Leadership Communication (3 crs)

Prerequisite: Minimum junior standing.

Theories, concepts, and skills for effective leadership communication. Focuses on leader traits, behaviors, influence, values, and ethics; on follower characteristics and needs; on situational variables; and on the influence of gender and diversity on leadership dynamics.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 413 Media Law and Ethics (3 crs)

Prerequisite: Minimum junior standing.

- *Credit may not be earned in both CJ 412 and CJ 413.*

Studies of First Amendment principles, communication law and ethical theories as they apply to journalism, public relations, advertising and entertainment media.

Attributes: GE IA Communication-Language Arts, LE-R3 Civic and Environmental Issues

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 414 Mass Media Law (3 crs)

Prerequisite: Minimum junior standing.

American law as applied to mass communication constitutional guarantees, libel, privacy, access to information, fair trial vs. free press, source protection, contempt of court, obscenity, copyright, regulation of advertising, broadcasting, and media as a business.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 425 Advanced Visual Journalism (3 crs)

Prerequisite: Grades of C or above in CJ 303 and CJ 321.

- *Students must have access to a 35mm DSLR camera.*

An advanced course that explores effective visual journalism for a variety of publications, including newspaper, magazine and web.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 426 Advanced Broadcast TV News (3 crs)

Prerequisite: Grades of C or above in CJ 184, CJ 303, CJ 321. Limited to journalism majors and minors. Minimum resident and total GPA of 2.50.

Advanced instruction in television news. Includes reporting, writing, shooting TV news stories as well as production of weekly television newscasts.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 1

CJ 427 Advanced Reporting and Editing (3 crs)

Prerequisite: Grades of C or above in CJ 303 and CJ 321.

Study and use of advanced reporting and editing techniques required to produce news across media platforms with an emphasis on managing news online.

Attributes: Service-Learning, Full 30 Hours

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

CJ 429 Digital Newsroom (3 crs)

Prerequisite: Grades of C or above in CJ 184, CJ 222, CJ 303 and CJ 321. Grade of C- or above in CJ 425 or CJ 426 or CJ 427. Completion of or concurrent enrollment in CJ 412 and CJ 414.

- *Optional field trips. Capstone course for journalism major.*

Course assesses student's mastery of the journalism major. Students manage the department's digital newsroom, produce and edit journalism across media platforms.

Attributes: Capstone Course

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

CJ 452 Health Communication (3 crs)

Prerequisite: Minimum junior standing.

Study and use of communication strategies to inform and influence individual and community decisions that enhance health.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 459 Communication Research Seminar (3 crs)

Prerequisite: Grades of C or above in CJ 300; and CJ 312 and CJ 405, or CJ 310 and CJ 406, or CJ 355; at least 24 credits in CJ courses. Limited to communication majors (organizational or communication studies emphases). Minimum senior standing.

- *Capstone course for organizational communication and communication studies majors.*

Discussion of current research issues in interpersonal, group, intercultural, organizational, and public communication. Students will conduct empirical research projects culminating in both written and oral reports.

Attributes: LE-11 Integration, LE-S3 Creativity, Service-Learning Optional, Capstone Course

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 460 Advertising Account Management (3 crs)

Prerequisite: Grades of C or above in CJ 260 or CJ 265 or CJ 270 and CJ 300. Limited to integrated strategic communication majors and minors.

This course is a detailed study of the account management function and its role in the modern advertising agency. Entry-level skills are taught as well as Integrated Marketing Communications (IMC) planning. The final-project portfolios test and demonstrate students' knowledge and skills.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 464 Advertising in Contemporary Society (3 crs)

Prerequisite: Grades of C or above in CJ 260 and CJ 300. Grades of C or above in two of CJ 362, CJ 374, CJ 460. Grade of C or above in CJ 365 or CJ 380. Limited to integrated strategic communication majors and minors. Minimum senior standing.

Course examines advertising's impact on society, focusing on advertising and social, legal, economic, ethical, diversity, and global issues.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 470 Crisis Communication (3 crs)

Prerequisite: Grade of C or above in CJ 260 or CJ 265 or CJ 270 or CJ 300.
Minimum junior standing.

Theory and analysis of the use of public relations campaigns to address crisis situations. Emphasis on the use of public relations campaigns to shape public opinion during crisis.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 477 Professional Practicum in Strategic Communication (3 crs)

Prerequisite: CJ 300. Any major or minor in Communication & Journalism Department.

Students gain hands-on experience working with real-world clients to plan, produce and publish content and build their professional portfolio.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 479 Integrated Strategic Communication Management (3 crs)

Prerequisite: Grades of C or above in CJ 373 and CJ 374; or two of: CJ 362 or CJ 374 or CJ 460, and CJ 365 or CJ 380. Limited to integrated strategic communication majors.

- *Capstone experience for public relations emphasis.*

Practicum Hours: 3 Application of Integrated Strategic Communication to a case. Emphasis on planning, message analysis, and multimedia production. Practicum.

Attributes: Service-Learning, Full 30 Hours, Capstone Course

Lab/Studio Hours: 0

CJ 490 Seminar (1-3 crs)

Prerequisite: Minimum resident and total GPA of 2.50. Minimum junior standing.

- *See current Class Schedule for topic, prerequisites, and restrictions.*

Topic and content to be determined by Communication and Journalism faculty based upon student interest and need.

Repeat: Course may be repeated

CJ 491 Special Topics (1-3 crs)

- *See current Class Schedule for topic, prerequisites, and restrictions.*

Topic and content to be determined by Communication and Journalism faculty based upon student interest and need.

Repeat: Course may be repeated for a maximum of 9 credits

CJ 492 Analyzing and Improving Organizational Communication (3 crs)

Prerequisite: Limited to organizational leadership and communication comprehensive major, Bachelor of Professional Studies degree.

- *No credit for major or minor in communication, mass communication or journalism.*

Emphasis on assessing organizational communication needs, and designing, implementing and evaluating strategies to address them. Focus on enhancing messages for external audiences as well as training and development, supervision and changes messages for internal audiences.

Attributes: Service-Learning, Full 30 Hours, BPS Flat Rate Tuition

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 495 Directed Studies (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Study of special topics structured to fit the needs, interests, and goals of the students.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 3 credits

CJ 497 Advanced Student Academic Apprenticeship (1-3 crs)

Prerequisite: 24 credits and 3.00 GPA in CJ courses; B or above in CJ 397 and in the course in which the student will be apprenticed. Minimum senior standing. Minimum resident and total GPA of 3.00.

Consent: Department Consent Required

- *No more than three credits of CJ 397 and CJ 497 can be counted toward the major.*

Qualified students, selected and supervised by faculty members, facilitate teaching and learning in a specific course or courses.

Repeat: Course may be repeated for a maximum of 6 credits

CJ 498 Internship (1-3 crs)

Prerequisite: Grades of C or above in qualifying courses within a communication, journalism, or mass communication sequence; prior approval of adviser, internship coordinator, and department chair. Minimum resident and total GPA of 2.75. Minimum junior standing.

Consent: Department Consent Required

Application of classroom knowledge and skills in supervised professional activities relevant to the student's area of emphasis or mass media sequence, at an internship site approved in advance by the Department of Communication and Journalism.

Attributes: Service-Learning, Full 30 Hours, Internship

Repeat: Course may be repeated for a maximum of 3 credits

CJ 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing.
Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

CJ 507 Small Group Communication (3 crs)

• *Cross-listed with CJ 307. Credit may not be earned in both courses.*

Theories, concepts, and skills to improve small group communication. Includes principles of group dynamics, decision-making, problem-solving, interpersonal conflict, leadership, and team-building.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 510 Communication Analysis (3 crs)

• *Cross-listed with CJ 310. Credit may not be earned in both courses.*

A study of the methods for analysis of messages and their application to examples of contemporary communication.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 550 Human Resource Development (3 crs)

Prerequisite: Grades of C or above in CJ 300 and CJ 307, or grades of C or above in BSAD 380 and MGMT 340.

• *Cross-listed with CJ 350. Credit may not be earned in both courses.*

Introduction to the human resource development field, emphasizing training and development. HRD needs assessment; design, delivery, and evaluation of programs for employee development.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 551 Strategic Event Planning (3 crs)

Prerequisite: Grades of C or above in CJ 250 or CJ 260 or CJ 265 or CJ 270, or consent of instructor.

• *Cross-listed with CJ 351. Credit may not be earned in both courses.*

Theory and practice of using events to advance impressions of organizations. Focus on the role of effective communication in assessing needs, and designing, delivering and evaluating events. Students will plan and execute an event.

Attributes: Field Trip(s) Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 555 Advanced Organizational Communication: Strategic Message Design (3 crs)

Prerequisite: Grades of C or above in CJ 202 and CJ 250, or consent of instructor.
• *Cross-listed with CJ 355. Credit may not be earned in both courses.*

Analysis and design of messages for use in a variety of organizational contexts. Emphasis on key role of messages in organizations, analysis of organizational needs, and creation of messages to address them.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 557 Professional Communication (3 crs)

Prerequisite: Grade of C or above in CJ 202.

• *Cross-listed with CJ 357. Credit may not be earned in both courses.*

Theories, skills, and strategies needed to become an effective communicator in business and professional settings. Special attention given to developing ethical and mindful interviewing and professional speaking skills and strategies.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 607 Leadership Communication (3 crs)

• *Cross-listed with CJ 407. Credit may not be earned in both courses.*

Theories, concepts, and skills for effective leadership communication. Focuses on leader traits, behaviors, influence, values, and ethics; on follower characteristics and needs; on situational variables; and on the influence of gender and diversity on leadership dynamics.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 614 Mass Media Law (3 crs)

• *Cross-listed with CJ 414. Credit may not be earned in both courses.*

American law as applied to mass communication constitutional guarantees, libel, privacy, access to information, fair trial vs. free press, source protection, contempt of court, obscenity, copyright, regulation of advertising, broadcasting, and media as a business.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 652 Health Communication (3 crs)

• *Cross-listed with CJ 452. Credit may not be earned in both courses.*

Study and use of communication strategies to inform and influence individual and community decisions that enhance health.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CJ 695 Directed Studies (1-3 crs)

Consent: Department Consent Required

- *Cross-listed with CJ 495.*

Study of special topics structured to fit the needs, interests, and goals of the students.

Repeat: Course may be repeated for a maximum of 3 credits

Grading Basis: No S/U Grade Option

CJ 700 Communicating to Lead in Health Organizations (3 crs)

Consent: Department Consent Required

Focus on communication and leadership in health organizations, and on audiences, processes, and use of communication in organizational alignment. Emphasis on theory and practice.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 707 Group/Team Communication Healthcare Contexts (3 crs)

Prerequisite: CJ 700 or concurrent enrollment.

This course is intended to support student efforts to hone abilities to use group and team communication effectively to collaborate in inter-professional healthcare contexts.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 714 Communication and Health Policy (3 crs)

Prerequisite: CJ 700 or concurrent enrollment.

Overview of structure and function of the U.S. healthcare system and in-depth analysis of current health policy topics from communication perspective.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 752 Leading Organizational Change (3 crs)

Prerequisite: CJ 700 or concurrent enrollment.

Theories and processes of organizational change are investigated. Focuses on strategically communicating/leading change in health care contexts.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CJ 774 Health Campaigns and Population Health (3 crs)

Prerequisite: CJ 700 or concurrent enrollment.

Course helps students understand how to engage with community partners to create/implement successful health campaigns for healthier communities.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

Communication Sciences and Disorders (CSD)

CSD 101 American Sign Language I (3 crs)

- *No credit if taken after CDIS 495/CDIS 695, American Sign Language I.*

Introduction to American Sign Language (ASL), a visual/gestural language used by the deaf community. Aspects of deaf culture are covered.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CSD 102 American Sign Language II (3 crs)

Prerequisite: CSD 101

- *No credit if taken after CDIS 495/CDIS 695, American Sign Language II.*

A continuation of American Sign Language I. Introduces students to new functions that expand their conversational range from talking about themselves to talking about other people and activities. Aspects of deaf culture are covered.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CSD 103 American Sign Language III (3 crs)

Prerequisite: CSD 102

- *No credit if taken after CDIS 495/CDIS 695, American Sign Language III.*

A continuation of American Sign Language II. Further expansion of students' conversational range for talking about other people and activities. Aspects of deaf culture are covered.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CSD 150 Introduction to Communication Sciences and Disorders (3 crs)

Survey of basic human communication sciences and disorders, plus related professions. Development and characteristics of normal communication behavior; nature, causes, signs, symptoms, and interventions for communication disorders of speech, hearing, and language.

Attributes: GE V University Wide, LE-K2 Social Sciences, LE-R3 Civic and Environmental Issues, Special Course Fee Required Varies by Term/Section

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CSD 201 American Sign Language IV (3 crs)

Prerequisite: CSD 101, CSD 102, and CSD 103.

Continuation of American Sign Language III with more complex grammar, dialogue, and narrative including advanced receptive and expressive skills. Aspects of semantics, literature and culture.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CSD 210 Cultural Perspectives of the Deaf (3 crs)

Introduction to the American Deaf Culture. The Deaf community as a linguistic/cultural minority. Historical influences of and effects on Deaf in political activism, laws, information access, educational philosophies, communication systems and others.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CSD 235 Undergraduate Research in Communication Sciences and Disorders (2 crs)

Prerequisite: Completion of University Writing Requirement. Limited to Communication Science and Disorders (CSD) majors.

This course explores the scientific method as it applies to social science research. Topics include ethics, evidence-based practice, literature searches, developing hypotheses and research questions, and research designs. Students will also be summarizing and evaluating research in the field of Communication Disorders.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

CSD 256 Anatomy and Physiology of Speech and Hearing (4 crs)

Prerequisite: Minimum sophomore standing.

Anatomy and physiology of the speech mechanism (respiration, phonation, resonance, articulation) and of hearing, including the related neurology.

Attributes: Special Course Fee Required Varies by Term/Section

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

CSD 257 Normal Communication Development (3 crs)

Prerequisite: Minimum of 12 earned prior credits.

Theoretical foundation for normal communication development, including prerequisites, extra-linguistic variables, processes/constraints, and the major language system components. Language variables presented by select populations and a profile perspective are presented.

Attributes: Special Course Fee Required Varies by Term/Section

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CSD 262 Phonetics: Theory and Application (2 crs)

Prerequisite: Minimum of 12 earned prior credits.

Study of the phonological system of language. Emphasis on phonemic and phonetic analysis and transcription of standard, nonstandard, and deviant speech.

Attributes: Special Course Fee Required Varies by Term/Section

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

CSD 301 American Sign Language Semantics (3 crs)

Prerequisite: CSD 101, CSD 102, CSD 103, and CSD 201.

Analysis of ASL through the linguistic principle of Semantics, with a primary focus on colloquial sign. An approach to understanding the meaning in ASL communication, the process of ASL interpretation, and improving expressive abilities in ASL. All content and communication conducted using ASL.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CSD 302 American Sign Language Linguistics (3 crs)

Prerequisite: CSD 101, CSD 102, CSD 103, and CSD 201.

Syntax, grammatical rules beyond basic ASL. Introductory concepts and terminology of linguistics. ASL sociolinguistics: variation, historical linguistics, bilingualism and language contact. Relevant for students interested in studying elsewhere in the future for interpreter certification.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CSD 311 Language Development and Disorders: Related Disciplines (3 crs)• *No credit for communication sciences and disorders majors.*

Biological, cognitive, perceptual, and social bases of language development. Developmental skills and processes related to components of the language system. Language interaction with learning and teaching including identification of deficits and language enhancing strategies.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CSD 321 Aural Rehabilitation (3 crs)

Prerequisite: No credit if taken after CDIS 376/CDIS 576. Minimum resident and total GPA of 2.50.

- *CSD 373 is recommended prior to enrollment in this course.*

Effects of hearing loss on perceptual, cognitive, communicative, educational, occupational, social, and emotional aspects of life, for all age ranges, are studied. Common intervention techniques associated with hearing loss are presented.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 326 Voice and Resonance Disorders (3 crs)

Prerequisite: CSD 256 and CSD 353. Minimum resident and total GPA of 2.50.

Normal aspects of respiration, phonation, and resonance. Causes and characteristics of various voice and resonance disorders. Introduction to the prevention, evaluation, and treatment of voice and resonance disorders. Introduction to speech/voice instrumentation.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 331 Child Language Disorders (4 crs)

Prerequisite: CSD 257

Characteristics of language disorders in children from birth through adolescence as well as assessment and intervention strategies appropriate for that population.

Attributes: Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

CSD 352 Fluency Disorders (3 crs)

Prerequisite: Minimum resident and total GPA of 2.50.

The nature and theories of stuttering and other fluency disorders. Clinical intervention for people who stutter and understanding how theories can be clinically useful.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 353 Speech and Hearing Science (3 crs)

Prerequisite: No credit if taken after CDIS 253. Minimum sophomore standing.

This course will introduce students to basic acoustics, psychoacoustics, and acoustics of voice and speech production. Lecture, discussion and labs will be used in instruction.

Attributes: Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 1

CSD 358 Phonological Disorders (3 crs)

Prerequisite: CSD 257 and CSD 262. Minimum resident and total GPA of 2.50.

This course addresses the nature, assessment, and treatment of phonological disorders in children and dialect variations of phonology in adults.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 370 Clinical Procedures in Communication Disorders (3 crs)

Prerequisite: CSD 331 or CSD 358. Minimum CSD GPA of 3.50. Minimum total GPA of 3.00.

Consent: Department Consent Required

Basic information and skills necessary for functioning in clinical situations. Topics include: preparation of goals and objectives, report writing, counseling, clinical equipment and materials, professional organizations and behavior, and observation. Twenty-five clinical observation hours accrued.

Attributes: Special Course Fee Required, Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 373 Basic Audiology (3 crs)

Prerequisite: Minimum resident and total GPA of 2.50.

- *CSD 256 and CSD 353 are recommended prior to enrollment in this course.*

Introduction to audiology, including anatomy and physiology, pathologies of hearing, basic evaluation, differential evaluation, physiological procedures, nonorganic hearing loss, pediatric evaluation, hearing conservation, and rehabilitation. Emphasis upon pure tone thresholds, speech audiometry, and masking.

Attributes: Special Course Fee Required Varies by Term/Section
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 378 Introduction to Sign Language (3 crs)

- Open to all undergraduate students.

An introduction to various systems of manual communication with a strong emphasis on developing beginning skills in Signing Exact English and fingerspelling.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required

Varies by Term/Section

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CSD 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

CSD 410 Communication Changes and Disorders of the Older Adult (3 crs)

Prerequisite: Minimum junior standing.

- Open to all undergraduate students.

Normal aging and its effects on speech, voice, oral motor skills, language, and hearing. Overview of the nature and treatment of communication disorders of the older adult. Physiological, psychological, and sociological aspects will be considered.

Attributes: GE V University Wide, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CSD 411 Facilitating Communication in Preschool Children (2 crs)

Prerequisite: CSD 257 or equivalent course is required prior to enrollment in this course.

- Open to all undergraduate students.

Foundations for the evaluation of preschool children, program planning, and program implementation in early childhood/special needs classrooms. Focus includes contexts for communication, content and sequence of communication programs, and techniques for facilitating communication.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

CSD 415 Instructional Internship in Communication Disorders (1-3 crs)

Prerequisite: 3.00 GPA or higher in CSD coursework. Limited to CSD majors.

Consent: Department Consent Required

Selected student develops professional skills by providing assistance to faculty member, enhancing teaching and learning of students in a course. Plan based on student-faculty contract. Three hours of participation per week per credit.

Attributes: Internship

Repeat: Course may be repeated for a maximum of 6 credits

CSD 419 Assistive Technology and Augmentative and Alternative Communication (2 crs)

Prerequisite: CSD 257 or CSD 311/CSD 511.

Augmentative and alternative communication, plus assistive technologies for adapted play, environmental control, mobility, and work site modifications are explored across disabilities and lifespan. Current research, public policy issues, and effective clinical practices will be emphasized.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

CSD 435 Research Seminar in Communication Sciences and Disorders (2 crs)

Prerequisite: Grade of B or above in MATH 246 or PSYC 265. Minimum total GPA of 3.5. Minimum junior standing.

- Required course for students enrolled in CSD Department Honors Program. CSD Department Honors students must register for this course as an Honors Contract.

Lecture/Discussion Hours: 2 An advanced-level research seminar to explore the scientific method as it applies to clinical, educational, and social science research. Topics include evidence-based practice, literature searches, developing scientific questions and hypotheses, and evaluating research.

Grading Basis: A-F Grades Only

Lab/Studio Hours: 0

CSD 440 Neurological Aspects of Communication (2 crs)

Prerequisite: CSD 256. Minimum 2.50 resident and total GPA. Minimum senior standing.

Neuroanatomical and neurophysiological bases of communication with an emphasis on normal aspects.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required

Varies by Term/Section

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

CSD 448 Aphasia and Related Disorders (2 crs)

Prerequisite: CSD 440/CSD 640

Differential diagnosis and treatment of the aphasias and related language disorders.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

CSD 470 Clinical Practicum in Communication Disorders I (2 crs)

Prerequisite: CSD 370; and CSD 331 or CSD 358. Minimum CSD GPA of 3.50.
Minimum resident and total GPA of 3.00.
Consent: Department Consent Required

Capstone course in treatment of speech and language disorders. With supervisory guidance, students earn hours conducting assessment and treatment activities in the Center for Communication Disorders.

Attributes: LE-11 Integration, LE-S3 Creativity, Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering, Capstone Course
Repeat: Course may be repeated for a maximum of 4 credits
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

CSD 473 Applications in Audiology (2 crs)

Prerequisite: CSD 373
• No credit if taken after CDIS 495/CDIS 695 (Fall 2002) as Audiology Practices.

Practical application of audiology practices for Speech Language Pathology and Audiology students are presented. There is a special emphasis on screening for hearing loss, middle ear disorder screening, auditory processing disorder, auditory training, and amplification.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 485 Serving Diverse Populations (2 crs)

Prerequisite: CSD 370 or concurrent enrollment.

This course will heighten students' awareness of issues in diversity and will also introduce students to knowledge and skills relevant to serving diverse populations across diversity dimensions, lifespan, and service settings.

Attributes: Cultural Diversity 2 cr., Undergraduate/Graduate Offering
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 495 Directed Studies (1-3 crs)

Consent: Department Consent Required

Permits groups of students to study topics of mutual interest in the field of communication disorders.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated

CSD 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing.
Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

CSD 511 Language Development and Disorders: Related Disciplines (3 crs)

• Cross-listed with CSD 311. Credit may not be earned in both courses. No credit for communication sciences and disorders majors.

Biological, cognitive, perceptual, and social bases of language development. Developmental skills and processes related to components of the language system. Language interaction with learning and teaching including identification of deficits and language enhancing strategies.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 521 Aural Rehabilitation (3 crs)

Prerequisite: No credit if taken after CDIS 376/CDIS 576.
• Cross-listed with CSD 321. Credit may not be earned in both courses. No credit if taken after CDIS 376/CDIS 576. CSD 373 or a basic audiology course is recommended prior to enrollment in this course.

Effects of hearing loss on perceptual, cognitive, communicative, educational, occupational, social, and emotional aspects of life, for all age ranges, are studied. Common intervention techniques associated with hearing loss are presented.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 526 Voice and Resonance Disorders (3 crs)

• Cross-listed with CSD 326. Credit may not be earned in both courses. CSD 256 and CSD 353 or equivalent courses are required prior to enrollment in this course.

Normal aspects of respiration, phonation, and resonance. Causes and characteristics of various voice and resonance disorders. Introduction to the prevention, evaluation, and treatment of voice and resonance disorders. Introduction to speech/voice instrumentation.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 552 Fluency Disorders (3 crs)

• Cross-listed with CSD 352. Credit may not be earned in both courses.

The nature and theories of stuttering and other fluency disorders. Clinical intervention for people who stutter and understanding how theories can be clinically useful.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 558 Phonological Disorders (3 crs)

- Cross-listed with CSD 358. Credit may not be earned in both courses. CSD 257 and CSD 262 or equivalent courses are required prior to enrollment in this course.

This course addresses the nature, assessment, and treatment of phonological disorders in children and dialect variations of phonology in adults.

Attributes: Special Course Fee Required Varies by Term/Section
 Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

CSD 578 Introduction to Sign Language (3 crs)

- Open to all students. Cross-listed with CSD 378. Credit may not be earned in both courses.

An introduction to various systems of manual communication with a strong emphasis on developing beginning skills in Signing Exact English and fingerspelling.

Attributes: Special Course Fee Required Varies by Term/Section
 Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

CSD 610 Communication Changes and Disorders of the Older Adult (3 crs)

- Open to all students. Cross-listed with CSD 410. Credit may not be earned in both courses.

Normal aging and its effects on speech, voice, oral motor skills, language, and hearing. Overview of the nature and treatment of communication disorders of the older adult. Physiological, psychological, and sociological aspects will be considered.

Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

CSD 611 Facilitating Communication in Preschool Children (2 crs)

Prerequisite: CSD 257 or equivalent course is required prior to enrollment in this course.

- Cross-listed with CSD 411. Credit may not be earned in both courses.

Foundations for the evaluation of preschool children, program planning, and program implementation in early childhood/special needs classrooms. Focus includes contexts for communication, content and sequence of communication programs, and techniques for facilitating communication.

Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 2
 Lab/Studio Hours: 0

CSD 619 Assistive Technology and Augmentative and Alternative Communication (2 crs)

- Cross-listed with CSD 419. Credit may not be earned in both courses. CSD 257 or CSD 311/CSD 511 or equivalent course is required prior to enrollment in this course. No credit for communication sciences and disorders comprehensive majors.

Augmentative and alternative communication, plus assistive technologies for adapted play, environmental control, mobility, and work site modifications are explored across disabilities and lifespan. Current research, public policy issues, and effective clinical practices will be emphasized.

Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 2
 Lab/Studio Hours: 0

CSD 640 Neurological Aspects of Communication (2 crs)

- Cross-listed with CSD 440. Credit may not be earned in both courses. CSD 256 or equivalent course is required prior to enrollment in this course.

Neuroanatomical and neurophysiological bases of communication with an emphasis on normal aspects.

Attributes: Special Course Fee Required Varies by Term/Section
 Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 2
 Lab/Studio Hours: 0

CSD 648 Aphasia and Related Disorders (2 crs)

- Cross-listed with CSD 448. Credit may not be earned in both courses. CSD 440/CSD 660 or equivalent course is required prior to enrollment in this course.

Differential diagnosis and treatment of the aphasias and related language disorders.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
 Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 2
 Lab/Studio Hours: 0

CSD 670 Clinical Practicum in Communication Disorders I (2 crs)

Prerequisite: CSD 370 and CSD 331 or CSD 358.

Consent: Department Consent Required

- Cross-listed with CSD 470.

Capstone course in treatment of speech and language disorders. With supervisory guidance, students earn hours conducting assessment and treatment activities in the Center for Communication Disorders.

Repeat: Course may be repeated for a maximum of 4 credits
 Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 1
 Lab/Studio Hours: 2

CSD 673 Applications in Audiology (2 crs)

- Cross-listed with CSD 473. Credit may not be earned in both courses. CSD 373 or equivalent course is required prior to enrollment in this course.

Practical application of audiology practices for Speech Language Pathology and Audiology students are presented. There is a special emphasis on screening for hearing loss, middle ear disorder screening, auditory processing disorder, auditory training, and amplification.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

CSD 685 Serving Diverse Populations (2 crs)

Prerequisite: CSD 370 or concurrent enrollment

- Cross-listed with CSD 485. Credit may not be earned in both courses. CSD 370 or equivalent course is required prior to enrollment in this course.

This course will heighten students' awareness of issues in diversity and will also introduce students to knowledge and skills relevant to serving diverse populations across diversity dimensions, lifespan, and service settings.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

CSD 695 Directed Studies (1-3 crs)

Consent: Department Consent Required

- Cross-listed with CSD 495.

Permits groups of students to study topics of mutual interest in the field of communication disorders.

Attributes: Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

CSD 706 Language Assessment (3 crs)

Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

Assessment of language disorders: differences and delay addressed through representative case studies, contributing and perpetuating factors, test selection, test biases, hypothesis formulation, data interpretation, legal guidelines, and information dissemination explored.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CSD 710 Clinical Methods in Communication Sciences and Disorders (3 crs)

Prerequisite: Limited to CSD online graduate students.

- Criminal background check and one week of face-to-face, in person, clinical lab required.

Learn and practice clinical methods in communication sciences and disorders including: technology for diagnostics and treatment, compliance and reflection activities, operating within a medical setting, and collaborating across the discipline.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required,

Special Course Fee Required Varies by Term/Section

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 1

CSD 715 Research in Communication Sciences and Disorders (2 crs)

Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

Application of information about research procedures to the profession of communication disorders. Preparation of students to function as consumers and producers of research.

Attributes: CSD MS Online Flat Rate Tuition

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

CSD 716 Essential Applications for Graduate Studies in Communication Sciences and Disorders (1 cr)

Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

Learn about and participate in activities associated with critical applications related to the field of communication sciences and disorders including: technology, principles of measurement, ASHA Code of Ethics, and professionalism/clinical disposition.

Attributes: Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 0

Lab/Studio Hours: 2

CSD 721 Seminar: Childhood Apraxia of Speech (1 cr)

Prerequisite: CSD 358 or equivalent course. No credit if taken after CSD 732. Limited to CSD ONLINE program graduate students.

Addresses characteristics, assessment, intervention and issues related to childhood apraxia of speech.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section

Grading Basis: No S/U Grade Option

Lab/Studio Hours: 0

Seminar Hours: 1

CSD 722 Seminar: Accent Addition (1 cr)

Prerequisite: CSD 262, CSD 331, and CSD 358 or equivalent courses. No credit if taken after CSD 732. Limited to CSD ONLINE program graduate students.

Addresses characteristics, assessment, intervention and issues related to accent modification/addition with non-native English speakers.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lab/Studio Hours: 0
Seminar Hours: 1

CSD 725 Counseling in Communication Disorders (2 crs)

Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

Knowledge, skills, and attitudes important for speech-language pathologists in counseling individuals with communication disorders and their families.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 726 Organic Voice and Speech Disorders (3 crs)

Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

- *CSD 326/CSD 526 or equivalent course is required prior to enrollment in this course.*

Assessment and treatment of organic voice disorders; speech/voice rehabilitation after head and neck cancer; and nature, assessment, and treatment of craniofacial anomalies. Various syndromes with associated speech/voice disorders are covered.

Attributes: CSD MS Online Flat Rate Tuition
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 729 Augmentative and Alternative Communication and Assistive Technology for Speech-Language Pathologists (3 crs)

Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

- *CSD 257 and CSD 331 or equivalent courses are required prior to enrollment in this course.*

The assessment, intervention, and management of individuals across the lifespan who require multi-modal communication systems.

Attributes: CSD MS Online Flat Rate Tuition
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 730 Seminar: Language Theories (2 crs)

Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

Major language and cognitive theories are examined as explanations of language acquisition and language use as well as clinical applications.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 731 Seminar: Child/Adolescent Language Intervention (3 crs)

Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

- *CSD 257 and CSD 331 or equivalent courses are required prior to enrollment in this course.*

Focuses on intervention strategies, service delivery models, and current issues in providing services for children and adolescents with developmental language disorders, including autism spectrum disorder.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required, Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Seminar Hours: 3

CSD 732 Seminar: Child/Adult Speech Intervention (2 crs)

Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

- *CSD 358 or equivalent course.*

Primarily addresses characteristics and issues related to dialect and accent modification/addition with adult clients and childhood apraxia of speech with children.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 737 Dysphagia (2 crs)

Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

- *CSD 440/CSD 640 or equivalent course is required prior to enrollment in this course.*

Normal and abnormal anatomy and physiology of swallowing. Evaluation and treatment of swallowing disorders, with primary emphasis on the adult population. Discussion of issues in service delivery, treatment efficacy, and treatment ethics.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

CSD 743 Supervision and Clinical Instruction in Communication Sciences and Disorders: The Basics (1 cr)

Prerequisite: No credit if taken after CSD 744.

Consent: Department Consent Required

A detailed study of the variables related to supervision and clinical instruction in speech-language pathology. Topics include models of supervision, issues related to dispositions and generational mindsets, as well as providing formative and summative feedback to practicum students.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

CSD 744 Supervision and Clinical Instruction in Communication Sciences and Disorders: Advanced Issues (1 cr)

Prerequisite: CSD 743 or other intro supervision course.

Consent: Department Consent Required

A detailed study of the advanced variables related to supervision and clinical instruction in speech-language pathology. Topics include using technology and other tools for supervision and feedback, conflict resolution, multicultural issues, mentoring Clinical Year Fellowships, and self-assessment.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

CSD 745 Topics in Speech-Language-Hearing (2 crs)

Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

Topics covered will be determined by selecting from current professional, clinical, and research domains in the field of communication disorders.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

CSD 746 Seminar in Language Disorders (2 crs)

Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

In-depth study of topics in language disorders. Topics will be selected from current professional, clinical, and research domains in the field of communication disorders (e.g., specific language impairment, language, and literacy).

Repeat: Course may be repeated for a maximum of 4 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

CSD 747 Seminar in Speech Disorders (2 crs)

Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

Topics will be selected from current professional, clinical, and research areas in speech disorders (e.g., stuttering or phonology/articulation).

Repeat: Course may be repeated for a maximum of 4 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

CSD 748 Motor Speech Disorders (3 crs)

Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

- CSD 440/CSD 640 or equivalent course is required prior to enrollment in this course.

Acquired and pediatric neurological motor speech disorders: syndrome recognition, differential diagnosis, treatment strategies, and case management issues.

Attributes: CSD MS Online Flat Rate Tuition

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CSD 749 Birth to 21 Methods in Communication Disorders (4 crs)

- CSD 770 or equivalent course is required prior to enrollment in this course.

Roles, responsibilities, legislation, historical perspectives, and current events related to school and non-school settings serving children. Discussion and practical application focused on methods specific to working with ages birth to 21 years with communication disorders.

Attributes: Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

CSD 750 Rehabilitation Methods in Communication Disorders (2 crs)

- CSD 770 or equivalent course is required prior to enrollment in this course.

Issues related to the rehabilitation processes including the structure of institutions, interdisciplinary approaches, documentation, and professional issues.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

CSD 754 Acquired Cognitive-Communicative Disorders (3 crs)

Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

- CSD 440/CSD 640 or concurrent enrollment or equivalent course is required prior to enrollment in this course.

Nature of dementias, traumatic brain injury (TBI), and right hemisphere brain damage (RHBD). Principles and practices of assessment and intervention of cognitive-communication disorders in persons with dementia, TBI, or RHBD.

Attributes: CSD MS Online Flat Rate Tuition
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 769 Graduate Clinical Practicum (1 cr)

Consent: Department Consent Required

Supervised clinical experience for first and third semester graduate students.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 4 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

CSD 770 Clinical Practicum in Communication Disorders II (2 crs)

Prerequisite: CSD 706 and CSD 769, or CSD 706 and instructor permission.
Consent: Department Consent Required

Supervised clinical experience with persons having communication disorders.

Attributes: CSD MS Online Flat Rate Tuition
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option

CSD 771 Clinical Practicum in Communication Disorders III (3 crs)

Prerequisite: CSD 706 and CSD 769.
Consent: Department Consent Required

Supervised clinical experience with persons having communication disorders.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CSD 774 Pediatric Dysphagia (1 cr)

Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor.

- CSD 440/CSD 640 or concurrent enrollment or equivalent course is required prior to enrollment in this course.

Nature, assessment, and treatment of pediatric dysphagia.

Attributes: CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

CSD 780 Externship in Communication Disorders-Educational Settings (6 crs)

Prerequisite: CSD 749; grade of B or above in all enrollments in CSD 769, CSD 770 and CSD 771.

- Criminal background check may be required.

Professional clinical experience for nine weeks in a cooperating educational setting under the supervision of a state and nationally-certified speech-language pathologist, as well as appropriately-credentialed University personnel.

Attributes: Internship
Repeat: Course may be repeated for a maximum of 12 credits
Grading Basis: No S/U Grade Option

CSD 781 Externship in Communication Sciences and Disorders--Non-School Setting (6 crs)

Prerequisite: CSD 750; grade of B or above in all enrollments in CSD 769, CSD 770 and CSD 771.

- Criminal background check required.

Professional clinical experience for nine weeks in a cooperating hospital, residential treatment center, and/or rehabilitation agency under the supervision of a state and nationally-credentialed speech-language pathologist, as well as appropriately-credentialed University personnel.

Attributes: Internship, CSD MS Online Flat Rate Tuition, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 12 credits
Grading Basis: No S/U Grade Option

CSD 793 Seminar: Selected Topics (1-3 crs)

Consent: Instructor Consent Required

Permits groups of graduate students to study topics of mutual interest in the field of communication disorders.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

CSD 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

CSD 799 Thesis (1-6 crs)• *Full-time equivalent.*

A description of acceptable topics and the precise nature of the thesis requirement is provided in the departmental program descriptions.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: PR Only Grade Basis

Computational Science (CPSC)

CPSC 300 Computational Science II (3 crs)

Prerequisite: MATH 351 and MATH 354.

• *Coordinating department: Physics and Astronomy.*

Case studies of problems in computational science. Examples include molecular modeling, computational chemistry, stellar and planetary systems, thermodynamics, seismic modeling, geographic information systems, and atmospheric/oceanic circulation models. Solutions involve various computational tools and techniques.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

Computer Science (CS)

CS 100 Computer Information Technologies (3 crs)• *No credit toward computer science major or minor. Not applicable for satisfying B.S. GE-IB requirement in College of Arts and Sciences.*

Development and application of appropriate processes and tools to access, organize, evaluate, and communicate information using spreadsheets (MS Excel), word processors (MS Word), databases (MS Access), presentation software (MS PowerPoint), and web-based/internet utilities. Appropriate for students seeking a broader or deeper preparation for efficiently using computer information technologies.

Attributes: GE IB Communication-Analytical Skills

Lecture/Discussion Hours: 2.5

Lab/Studio Hours: 1

CS 145 Introduction to Object-Oriented Programming (4 crs)

Prerequisite: MATH 109 or concurrent enrollment, or placement into MATH 111, MATH 112, MATH 113, MATH 114, or MATH 215. For computer science majors, must be taken concurrently with CS 146.

A general introduction to computer data representation, programming, and the design of computer software. Object-oriented design and implementation techniques and concepts are introduced.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

CS 146 The Big Picture in Computer Science (1 cr)

Prerequisite: Limited to computer science majors. Must be taken concurrently with CS 145.

• *Must be taken by students during their first semester in the computer science major.*

Explores how a liberal education relates to computer science, the impacts of computers on society, and ethical expectations of the discipline. Provides an overview of computational thinking and technical topics.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

CS 163 Introduction to Programming in C++ (3 crs)• *Three years of high school, college preparatory mathematics. No credit for CS majors if taken after or concurrently with CS 145.*

A general introduction to the design of computer software. Object-oriented design and implementation techniques including abstraction, encapsulation, and inheritance are emphasized. Applications chosen from mathematics, science, and business are used to demonstrate and motivate understanding of object-oriented programming.

Attributes: GE IB Communication-Analytical Skills

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CS 170 Computing for the Sciences and Mathematics (3 crs)

Prerequisite: MATH 112, or MATH 113, or placement into MATH 114 or MATH 215.

Aspects of computation that are particularly relevant to scientific computation. Discussion of numeric processing, symbolic processing, data management, data representation, and scientific visualization. Students design and implement computer programs.

Attributes: GE V University Wide

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CS 245 Advanced Programming and Data Structures (4 crs)

Prerequisite: CS 145. MATH 112 or concurrent enrollment, MATH 113 or concurrent enrollment, or placement into MATH 114 or MATH 215.

Advanced object-oriented programming techniques including OO design, distributed and concurrent computation, GUI development, and testing. Implementation and use of data structures including lists, stacks, queues, trees, and graphs.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

CS 252 Computer Systems (4 crs)

Prerequisite: CS 245, MATH 114 or concurrent enrollment.

Introduction to systems level concepts including number system representation, digital logic, machine models, assembly language, UNIX, C programming and memory management, and parallel architectures.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

CS 260 Database Systems (4 crs)

A study of fundamental database concepts including: SQL, database design and normalization, transactions and concurrency, embedded SQL, and stored procedures.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

CS 268 Web Systems (3 crs)

Prerequisite: CS 245. May be taken concurrently with CS 260.

Introduction to programming Web-based applications. Multiple modern Web technologies are covered in depth and compared. Web frameworks, server configurations, and security issues are discussed.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CS 278 Digital System Design (4 crs)

Prerequisite: Either CS 145 or CS 163, or consent of instructor.

- *No credit if taken after Special Topics course of the same title.*

Logic components, Boolean algebra and algorithmic logic simplification, combinational logic analysis and synthesis, synchronous and asynchronous sequential logic analysis and synthesis, finite state machine design, programmable logic and FPGAs, Verilog programming for synthesis.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

CS 290 Introduction to Data Management (3 crs)

Prerequisite: Limited to organizational leadership and communication comprehensive major, Bachelor of Professional Studies degree.

An introduction to managing data using technology. Topics include understanding different types of data, managing data using spreadsheets and databases, creating application macros to manipulate data, designing and implementing databases, and visualizing data.

Attributes: GE IB Communication-Analytical Skills, BPS Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

CS 291 Special Topics (1-3 crs)

- *See current Class Schedule.*

An examination of current topical material of special interest to students and faculty.

Repeat: Course may be repeated

CS 318 Fundamentals of Web Page Design (3 crs)

Basic concepts, coding standards, accessibility guidelines, and technologies of client-side Web page design. Hypertext Markup Language (HTML), Cascading Style Sheets (CSS), and techniques for controlling page layout, animations, and user interactions.

Attributes: GE IB Communication-Analytical Skills
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

CS 319 Introduction to Web Programming (3 crs)

Prerequisite: No credit if taken after CS 268.

- *No credit toward computer science major requirements.*

Introduction to client and server side Web programming. Includes basic programming concepts, user input validation, dynamic Web pages, and data retrieval and display.

Attributes: GE IB Communication-Analytical Skills
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

CS 320 Web Database Design and Implementation (3 crs)

Prerequisite: CS 318 or concurrent enrollment; CS 319 or concurrent enrollment.

- *No credit toward computer science major requirements.*

Introduction to databases for Web applications. Architecture, design considerations, and implementation of relational database systems. Web/database application development.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

CS 321 Web Design and Development (3 crs)

Prerequisite: CS 320

Analysis, design, and implementation techniques for Web site development. Includes preparation of design documents development, deployment, and testing. Students complete and deploy a comprehensive Web site working with clients and end-users.

Attributes: Service-Learning, Full 30 Hours

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CS 322 Animation Programming (3 crs)

Introduction to current technical and creative trends in digital animation principles, including real-time, interactive animations, gestural interfaces, and basic motion capture for use in animation and game development.

Lecture/Discussion Hours: 0

Lab/Studio Hours: 3

CS 330 Programming Languages (3 crs)

Prerequisite: CS 252

Study building blocks of modern programming and programming paradigms including functional, imperative, object-oriented, and logical. Emphasis on teaching students how to learn new programming languages. In-depth study of C++ and memory management techniques.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CS 335 Algorithms (3 crs)

Prerequisite: CS 245. Concurrent enrollment in MATH 314.

Discussion of algorithm design, problem-solving methods. Specific algorithm topics include divide-and-conquer, dynamic programming, and backtracking.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CS 352 Computer Architecture (3 crs)

Prerequisite: CS 252

A study of hardware organization and architecture including performance metrics, machine data and instruction representations, computer arithmetic, assembly language programming, ALU design, CPU design and control, micro-programming, pipelining, cache memory systems, and I/O peripherals.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CS 355 Software Engineering I (3 crs)

Prerequisite: CS 260. Credit cannot be earned in both CS 321 and CS 355.

A hands-on experience in software engineering with key aspects of the software development life cycle. Focus is on the application of a high-level development environment to the fulfillment of an object-oriented software design specification. An introduction to modern design patterns.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CS 370 Computer Security (3 crs)

Prerequisite: CS 252

Study of system, network, database, application and web security. Practical experience with tools for information gathering, vulnerability analysis, system hardening and intrusion detection as used for defending computer systems, culminating in a cyberwar exercise.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CS 388 UNIX Systems Programming (3 crs)• *Programming experience in C or C++.*

In-depth coverage of the UNIX command shell, file manipulation, process control, file system utilities, mail, pipes and filters, I/O redirection, process management, UNIX editors, scripting language, and shell scripting.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CS 396 Junior Seminar (1 cr)

Prerequisite: CS 146 and minimum junior standing, or consent of instructor. Limited to computer science majors.

Examination of selected topics in computer science through invited business speakers, traditional lecture, and independent investigation.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

CS 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

CS 420 Artificial Intelligence (3 crs)

Prerequisite: CS 335

Investigation of the theories and techniques of knowledge representation and automated reasoning as the foundation of artificial intelligence. Includes the comparative analysis of established theories and the synthesis of automated problem-solving behavior.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CS 436 Mobile Software Development (3 crs)

Prerequisite: CS 245

Developing software for mobile devices, designing for interruptions, creating service-oriented architectures, and sensing the physical world.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CS 450 Theory of Computation (3 crs)

Prerequisite: CS 335

A study of finite automata and regular languages, pushdown automata and context-free languages, Turing machines and recursively enumerable sets, linear-bounded automata and context-sensitive languages, computability and the halting problem, undecidable problems, and the Chomsky hierarchy.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CS 452 Operating Systems (3 crs)

Prerequisite: CS 252

A study of modern operating system concepts, process/thread structure, process management, scheduling, synchronization. Memory management, virtual memory, caching. Storage and I/O device management. Distributed operating systems and distributed computation.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CS 455 Computer Graphics (3 crs)

Prerequisite: CS 335

A study of 3-D modeling, rendering, and animation. Modeling includes constructive solids geometry, NURBS, and scene graphs. Rendering includes lighting models, raytracing, radiosity, mapping, and real-time issues. Animation includes keyframing, kinematics, dynamics, collision detection, and AI.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CS 462 Computer Networks (3 crs)

Prerequisite: CS 362

Fundamental concepts of data transmission, network architecture, data security, error control, routing, switching, and congestion control. Study of network protocols: IEEE 802.x, TCP/IP, ATM, Wireless Internet and Mobile Computing.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CS 482 Research in Computer Science I (3 crs)

Prerequisite: CS 355. Limited to computer science majors and minors. Minimum resident and total GPA of 3.00.

Consent: Instructor Consent Required

An introduction to structured research within computer science. Students develop a complete research proposal that poses an important open question in computer science and presents a well-developed strategy for its substantive investigation.

Attributes: Capstone Course

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CS 485 Software Engineering II (3 crs)

Prerequisite: CS 355

An application of software engineering principles to a software project developed throughout the semester. Students will work in groups to describe, design, implement, test, and deliver a software product for a client.

Attributes: LE-S3 Creativity, Service-Learning, Full 30 Hours, Capstone Course

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CS 490 Computer Science Practicum (3 crs)

Prerequisite: CS 485

- *Cannot be taken for credit toward fulfilling the major if the student has completed three or more credits in CS 498 (formerly CS 405).*

A reflective examination of the principles and practices inherent to the study of computer science, including completion of a comprehensive project.

Attributes: Service-Learning Optional, Capstone Course

Grading Basis: S/U Only Grade Basis

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CS 491 Special Topics (1-3 crs)

- *See current Class Schedule.*

An examination of current topical material of special interest to students and faculty. Topics that have been offered include: Analysis of Algorithms, Cryptography and Data Security, Computer Animation, Fuzzy Logic, Advanced Internet Applications, Data Mining, and Computational Biology.

Repeat: Course may be repeated

CS 492 Research in Computer Science II (3 crs)

Prerequisite: CS 482. Limited to computer science majors and minors.

Consent: Instructor Consent Required

Students carry out a research investigation based on a structured research proposal. The investigation includes a detailed analysis of existing literature in the area of investigation and the preparation of a research dissemination article.

Attributes: Capstone Course

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CS 493 Collaborative Research (1-3 crs)

Prerequisite: CS 355

An in-depth investigation into open issues within computer science and/or its application to other disciplines.

CS 498 Computer Science Internship (1-6 crs)

Consent: Department Consent Required

- A maximum of three credits can be counted as a CS elective.

Practical work experience that extends knowledge gained in prior courses.

Attributes: Service-Learning Optional, Capstone Course, Internship

Repeat: Course may be repeated for a maximum of 6 credits

CS 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

CS 793 Special Topics in Computer Science (1-3 crs)

Consent: Department Consent Required

Permits groups of graduate students to study topics in the field of computer science.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

CS 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

Criminal Justice (CRMJ)

CRMJ 103 Survey of the Criminal Justice System (3 crs)

Prerequisite: No credit if taken after SOC 203.

- Credit may not be earned in both SOC 103 and CRMJ 103.

The fundamental concepts and contemporary issues associated with criminal law, policing, the judicial systems, and corrections are presented.

Attributes: GE IIIG Social Science-Interdisciplinary Study, LE-K2 Social Sciences

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CRMJ 280 Criminal Justice Research Methods (3 crs)

Prerequisite: CRMJ 103 or SOC 103. Limited to criminal justice majors.

A survey of research methods including research design, measurement and sampling procedures, development of survey questionnaires, experimental and field research, data collection, and analysis. Emphasis is placed on understanding, interpreting, and critically evaluating research in the criminal justice field.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CRMJ 291 Special Topics (3 crs)

Intensive study of a topic selected because of special interest on the part of students or faculty.

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CRMJ 301 Criminology Theory (3 crs)

Prerequisite: CRMJ 103/SOC 103

Presentation of the biological, psychological, and social causes and correlates of criminal behavior. The emphasis is on contemporary factors and theories of crime and criminal behavior.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CRMJ 302 Youth Crime and Juvenile Justice (3 crs)

Prerequisite: CRMJ 103 or SOC 103.

- Credit may not be earned in both SOC 302 and CRMJ 302.

Designed to give students a multidisciplinary understanding of the youth crime problem and the juvenile justice system. Topics covered include definitions and causes of youth crime, the philosophy and organization of the juvenile court, techniques of effective intervention and treatment, as well as the relationship between the juvenile justice system and components of the child welfare system. Includes cross-national information on the youth crime problem and efforts to control it.

Attributes: GE IIIG Social Science-Interdisciplinary Study

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CRMJ 303 Crime Prevention (3 crs)

Prerequisite: CRMJ 103 or SOC 103.

- No credit if taken after CRMJ 291 when offered as Crime Prevention.

Examines various crime prevention policies and programs. Topics include crime prevention methods, theoretical applications to prevention efforts, and program effectiveness. The importance of research design in evaluating programs is also considered.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CRMJ 319 Police in Society (3 crs)

Prerequisite: CRMJ 103 or SOC 103.

Examines who the police are, what they do, and how they do it. Analyzes the complexities and ambiguities of modern policing. Topics covered include police operations, law enforcement ethics, police misconduct, women and minority police officers, police work with juveniles, and cross-national methods of policing.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CRMJ 342 Confinement and Corrections (3 crs)

Prerequisite: CRMJ 103 or SOC 103.

Examines the confinement experience and field of corrections with particular focus on institutional and community-based corrections. Students will learn about typical correctional clients, life in prison, programs and services for prison inmates, and correctional practices worldwide.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CRMJ 359 Teen Technology Misuse (3 crs)

Explores the ways teens use and misuse technology, with particular emphasis on cyberbullying, sexting, and unsafe social networking. Implications for preventing and responding to these behaviors will be examined.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CRMJ 395 Directed Studies (1-3 crs)

Consent: Department Consent Required

Students, with assistance and approval from supervising instructors, define a particular problem or topic to study.

Repeat: Course may be repeated for a maximum of 6 credits

CRMJ 397 Student Academic Apprenticeship in Criminal Justice (1-3 crs)

Prerequisite: B+ or above in assigned course. Limited to criminal justice majors. Minimum total GPA of 3.30.

Consent: Department Consent Required

- *Cannot apprentice in the same course twice.*

Qualified students work under close supervision of faculty exploring methods to teach criminal justice and assisting in the teaching of a course or courses. Students enhance their understanding of the discipline and their communication skills.

Repeat: Course may be repeated for a maximum of 6 credits

CRMJ 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Students propose an independent study project on a topic in criminal justice to an instructor. Projects may include library research or original empirical research. Students work independently, with supervising instructor providing oversight and assistance.

Repeat: Course may be repeated for a maximum of 6 credits

CRMJ 491 Special Topics (3 crs)

Intensive study of a topic selected because of special interest on the part of students or faculty.

Repeat: Course may be repeated for a maximum of 6 credits

CRMJ 498 Criminal Justice Internship (1-6 crs)

Prerequisite: CRMJ 103/SOC 103, and 30 credits which apply to the criminal justice major. Minimum junior standing. Limited to criminal justice majors.

Consent: Department Consent Required

- *Formal application with the instructor and department chair must begin at least eight weeks before registering for the course. Signature required from supervising instructor, agency representative, and department chair.*

A field course which integrates principles of criminal justice with practical experience in a criminal justice agency. Supervision by instructor and agency representative.

Attributes: Service-Learning, Full 30 Hours, Internship

Repeat: Course may be repeated for a maximum of 6 credits

CRMJ 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Students propose an independent study project on a topic in criminal justice to an instructor. Projects may include library research or original empirical research. Students work independently, with supervising instructor providing oversight and assistance.

Repeat: Course may be repeated for a maximum of 6 credits

Dance (DNCE)

DNCE 101 Dance Appreciation (3 crs)

Prerequisite: No credit if taken after KINS 195.

An introduction to dance history, theory, and culture. Involving dance viewing, literature, discussion and experiential exercises, this course discovers dance as an academic discipline, an art form, and a site for cultural communication and knowledge.

Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

DNCE 110 Ballet I (2 crs)

Beginning-level ballet technique course, emphasizing skeletal alignment and muscular engagement in the classical ballet form, terminology and theory of classical ballet technique, and studies in ballet history and aesthetics.

Attributes: Physical Activity, GE IVA Humanities-Fine Arts, LE-S3 Creativity

Repeat: Course may be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

DNCE 112 Modern Dance I (2 crs)

Prerequisite: No credit if taken after KINS 200.

A beginning-level Modern Dance technique course that explores Bartenieff Fundamentals, floor work, bodily mapping, core support and skeletal alignment, and fundamental movement concepts of weight, space, time, and energy.

Attributes: Physical Activity, GE IVA Humanities-Fine Arts, LE-S3 Creativity

Repeat: Course may be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

DNCE 114 Jazz Dance I (1 cr)

Prerequisite: No credit if taken after KINS 202.

A course in beginning jazz technique with an emphasis on classical Afro-European forms. A survey of early jazz choreographers and their choreographic styles.

Attributes: Physical Activity

Repeat: Course may be repeated for a maximum of 2 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

DNCE 116 Tap Dance I (1 cr)

Prerequisite: No credit if taken after KINS 203.

A course in beginning tap technique with an emphasis on buck tap. A survey of the history of tap dance and the contributions of early tap masters.

Attributes: Physical Activity

Repeat: Course may be repeated for a maximum of 2 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

DNCE 310 Ballet II (2 crs)

Prerequisite: DNCE 110 or audition. No credit if taken after KINS 206.

Consent: Instructor Consent Required

Intermediate-level ballet technique course, emphasizing intermediate-advanced level ballet skills and concepts, further explorations in terminology and theories of classical ballet technique, and continued study in ballet history and aesthetics with repertory experiences and research.

Attributes: Physical Activity, GE IVA Humanities-Fine Arts, LE-S3 Creativity

Repeat: Course may be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

DNCE 312 Modern Dance II (2 crs)

Prerequisite: DNCE 112 or audition. No credit if taken after KINS 205.

Consent: Instructor Consent Required

An intermediate-level modern dance technique course that engages continued explorations in Bartenieff Fundamentals, floor work, bodily mapping, core support and skeletal alignments, and further explorations in modern dance concepts of weight, space, time, and energy.

Attributes: Physical Activity, GE IVA Humanities-Fine Arts, LE-S3 Creativity

Repeat: Course may be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

DNCE 314 Jazz Dance II (1 cr)

Prerequisite: DNCE 114 or audition. No credit if taken after KINS 207.

Consent: Instructor Consent Required

A course in advanced jazz technique with an emphasis on turns, jumps, and dance sequences. An exploration of later stylistic developments in jazz dance.

Attributes: Physical Activity

Repeat: Course may be repeated for a maximum of 2 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

DNCE 316 Tap Dance II (1 cr)

Prerequisite: DNCE 116 or audition. No credit if taken after KINS 209.

Consent: Instructor Consent Required

A course in intermediate/advanced tap technique with an emphasis on rhythm tap. An exploration of stylistic developments in tap dance.

Attributes: Physical Activity

Repeat: Course may be repeated for a maximum of 2 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

DNCE 370 Dance Performance Practicum (1-2 crs)

Consent: Instructor Consent Required

• *Audition required.*

Participation in a main-stage dance performance project in faculty/guest artist dance works.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: S/U Only Grade Basis

DNCE 395 Directed Studies (1-3 crs)

Prerequisite: DNCE 110, DNCE 112, DNCE 114, DNCE 116. Minimum junior standing.

Consent: Department Consent Required

An individually arranged course for serious students of dance involving research, choreography, and/or scholarly activity under the direction of a faculty member.

Repeat: Course may be repeated

Grading Basis: No Auditors

DNCE 420 Dance Composition (3 crs)

Prerequisite: DNCE 110, DNCE 112, DNCE 114, DNCE 116. No credit if taken after KINS 319. Minimum junior standing.
Consent: Instructor Consent Required

Art of making dances through a contemporary dance lens, with emphasis on generating distinct movement material and crafting material in the body, space and time. Examines theories about meaning-making in dance and research of choreographic practices and contemporary artists.

Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

DNCE 497 Dance Recital (1 cr)

Prerequisite: DNCE 420. Limited to dance minors.
Consent: Instructor Consent Required

The recital is a capstone experience in dance performance and choreography. The student presents a showcase of work to highlight his or her achievements across the four studio genres.

Attributes: Capstone Course

DNCE 499 Independent Study (1-3 crs)

Prerequisite: DNCE 110, DNCE 112, DNCE 114, DNCE 116. Minimum junior standing.
Consent: Department Consent Required

An individually arranged course for serious students of dance involving research, choreography, and/or scholarly activity culminating in a quality research document or report.

Repeat: Course may be repeated
Grading Basis: No Auditors

Data Science (DS)

DS 700 Foundations of Data Science (3 crs)

Prerequisite: Limited to Data Science master's degree students.

Introduction to data science and its importance in business decision making.

Attributes: Data Science MS OL Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

DS 705 Statistical Methods (3 crs)

Prerequisite: Limited to Data Science master's degree students.

Statistical methods and inference procedures presented with an emphasis on applications, computer implementation, and interpretation of results.

Attributes: Data Science MS OL Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

DS 710 Programming for Data Science (3 crs)

Prerequisite: Limited to Data Science master's degree students.

Introduction to programming languages and packages used in data science.

Attributes: Data Science MS OL Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

DS 715 Data Warehousing (3 crs)

Prerequisite: Limited to Data Science master's degree students.

Introduction to the concepts and techniques to work with and reason about subject-oriented, integrated, time-variant, and nonvolatile collections of data in support of management's decision-making process.

Attributes: Data Science MS OL Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

DS 730 Big Data: High Performance Computing (3 crs)

Prerequisite: Limited to Data Science master's degree students.

Overview of how to process large datasets efficiently, including introduction of non-relational databases.

Attributes: Data Science MS OL Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

DS 735 Communicating about Data (3 crs)

Prerequisite: Limited to Data Science master's degree students.

Prepares students to master technical, informational, and persuasive communication to meet organizational goals.

Attributes: Data Science MS OL Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

DS 740 Data Mining (3 crs)

Prerequisite: Limited to Data Science master's degree students.

Data mining methods and procedures for diagnostic and predictive analytics.

Attributes: Data Science MS OL Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

DS 745 Visualization and Unstructured Data Analysis (3 crs)

Prerequisite: Limited to Data Science master's degree students.

Covers various aspects of data analytics including visualization and analysis of unstructured data such as social networks.

Attributes: Data Science MS OL Flat Rate Tuition

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

DS 760 Ethics of Data Science (3 crs)

Prerequisite: Limited to Data Science master's degree students.

Ethical issues related to data science, including privacy, intellectual property, security, and the moral integrity of inferences based on data.

Attributes: Data Science MS OL Flat Rate Tuition

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

DS 775 Prescriptive Analytics (3 crs)

Prerequisite: Limited to Data Science master's degree students.

Procedures and techniques for using data to inform decision making. Topics include optimization, decision analysis, game theory, and simulation.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

DS 780 Data Science and Strategic Decision Making (3 crs)

Prerequisite: Limited to Data Science master's degree students.

The interaction between data science and strategic decision making. Leveraging data resources for competitive advantage in the marketplace.

Attributes: Data Science MS OL Flat Rate Tuition

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

DS 785 Data Science Capstone (3 crs)

Prerequisite: Limited to Data Science master's degree students.

Capstone course; students will develop and execute a data science project using real-world data and communicate results to a non-technical audience.

Attributes: Data Science MS OL Flat Rate Tuition

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

Economics (ECON)

ECON 100 Economic Analysis of Contemporary Issues (3 crs)

Nature of selected contemporary issues and method of evaluating alternative solutions.

Attributes: GE IIIB Social Science-Economics

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 103 Principles of Microeconomics (3 crs)

Prerequisite: Grade of C or above in MATH 20 or suitable score on math placement test.

In the context of contemporary economic issues, product and resource markets are analyzed with respect to pricing decisions, efficiency, and equity.

Attributes: GE IIIB Social Science-Economics, LE-K2 Social Sciences

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 104 Principles of Macroeconomics (3 crs)

Prerequisite: Grade of C or above in MATH 20 or suitable score on math placement test.

Theory of aggregate income determination in the American economy with consideration of the international economy and other related problems, policies, and institutions.

Attributes: GE IIIB Social Science-Economics, LE-K2 Social Sciences

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 201 Introduction to Political Economy (3 crs)

Prerequisite: No credit if taken after ECON 103 or ECON 104.

Application of economic analysis to problems confronted in many social science disciplines. Concentrates on macroeconomic issues. Develops basic microeconomic concepts that serve as the foundation for macroeconomic issues. Includes market structures and cooperatives.

Attributes: Cultural Diversity 1 cr., GE IIIB Social Science-Economics

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 268 Environmental Economics (3 crs)

Application of economic analysis to national and international environmental issues and policies, highlighting the connections between the economic way of thinking and other disciplines.

Attributes: GE IIIB Social Science-Economics

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 280 Health Economics (3 crs)

Application of economic analysis to national and international health care issues including insurance and financing mechanisms, chronic disease, prescription drugs, government policy and lifestyle choices.

Attributes: GE IIIB Social Science-Economics

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 303 Intermediate Microeconomic Theory (3 crs)

Prerequisite: ECON 103 and ECON 104, or consent of instructor. Minimum sophomore standing.

Application of economic analysis to consumer behavior, production decisions, and resource pricing.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 304 Intermediate Macroeconomic Theory (3 crs)

Prerequisite: ECON 103 and ECON 104, or consent of instructor. Minimum sophomore standing.

Examination of alternative theories of national income, employment, and the general price level.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 308 Essentials of Managerial Economics (3 crs)

Prerequisite: ECON 103 and ECON 104, or consent of instructor. Minimum sophomore standing.

Application of economic principles to management problem formulation, problem-solving, and decision-making.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 311 History of Economic Thought (3 crs)

Prerequisite: ECON 103 and ECON 104, or consent of instructor. Minimum sophomore standing.

Study of the development of economic analysis from the works of the physiocrats to contemporary models.

Attributes: GE IIIB Social Science-Economics

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 315 Elements of Mathematical Economics (3 crs)

Prerequisite: ECON 303, and MATH 111 or MATH 114. Minimum sophomore standing.

Applications of differential calculus and matrix algebra in microeconomic and macroeconomic theory.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 316 Econometrics (3 crs)

Prerequisite: ECON 103, ECON 104; MATH 246, MATH 345, or MATH 347. Minimum sophomore standing.

Application of statistical techniques for the purpose of testing and explaining economic relationships; integration of economic theory with observed economic phenomena. Useful for economic and business forecasting.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 318 Business Fluctuations and Forecasting (3 crs)

Prerequisite: ECON 104. Minimum sophomore standing.

Measuring economic activity; time series analysis; theories of business fluctuations; the experience of the 1930s; forecasting economic activity.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 321 Money and Banking (3 crs)

Prerequisite: ECON 103 and ECON 104, or consent of instructor. Minimum sophomore standing.

Analysis of the impact of money and banking on a modern economy. Banking, regulatory and management problems are also studied.

Attributes: GE IIIB Social Science-Economics

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 322 Investments (3 crs)

Prerequisite: ECON 104. Minimum sophomore standing.

Relationships between investments and the economy, risks, characteristics of securities, securities markets.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 325 Public Economics (3 crs)

Prerequisite: ECON 103 and ECON 104, or consent of instructor. Minimum sophomore standing.

Revenues and expenditures of different units of government and public debt.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 329 Lifetime Investing Principles and Strategies (3 crs)

Prerequisite: No credit if taken after ECON 322 or FIN 322.

Strategies to build financial security over a lifetime with a focus on investing, taxes, inflation, life expectancy and insurance in order to maintain appropriate purchasing power through time.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 330 Economics of American Minorities (3 crs)

Major issues and problems confronting American minorities; possible approaches to deal with such issues; government policy toward such issues.

Attributes: Cultural Diversity 3 cr., GE IIIB Social Science-Economics

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 331 Government and Business (3 crs)

Prerequisite: ECON 103 and ECON 104, or consent of instructor. Minimum sophomore standing.

Market structures and institutions influencing relations between business and government.

Attributes: GE IIIB Social Science-Economics, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 335 Labor Economics (3 crs)

Prerequisite: ECON 103 and ECON 104, or consent of instructor. Minimum sophomore standing.

Wage theories, the labor market, employment and training policy, the unemployment problem, the economic effect of collective bargaining, the labor movement, and labor law.

Attributes: GE IIIB Social Science-Economics, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 337 Women and the Labor Market (3 crs)

• *Credit may not be earned in both ECON 337 and WMNS 337.*

Examination of theories of economic discrimination, recent experiences of women in labor markets in various countries, effects of governments and international agencies on earnings and employment, and the future role of women in modern economies.

Attributes: Cultural Diversity 1 cr., GE IIIB Social Science-Economics

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 351 International Economics (3 crs)

Prerequisite: ECON 103 and ECON 104, or consent of instructor. Minimum sophomore standing.

Study of international trade and international monetary theory and policies influencing the industrialized and developing nations.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 353 Economics of Pacific Asia (3 crs)

Prerequisite: ECON 103 and ECON 104, or consent of instructor.

An economic analysis of the successes, problems, and policies of Pacific Asia. Examines the economies of Japan, China, Taiwan, Hong Kong, South Korea, and the Association of Southeast Asian Nations.

Attributes: Foreign Culture

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 355 Economic Development (3 crs)

Prerequisite: ECON 103 and ECON 104, or consent of instructor. Minimum sophomore standing.

Focuses on the economies of Africa, Asia, and Latin America. Helps develop an historical, institutional, and economic framework for critically understanding social and economic realities in these regions.

Attributes: Foreign Culture, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 356 Economic Development of Latin America (3 crs)

• *Credit may not be earned in both ECON 356 and LAS 356.*

Analysis of the process of the economic and social development of Latin America. Topics include: nature of economic development, obstacles to economic development, evaluation of economic policies, and the role of women in economic development.

Attributes: Foreign Culture, GE IIIB Social Science-Economics, LE-I1 Integration

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 357 Women and Economic Development (3 crs)

• *Credit may not be earned in both ECON 357 and WMNS 357. No credit if taken after WMNS 480 in Summer of 2001.*

Provides economic, institutional, and feminist frameworks for understanding socio-economic realities of women in Asia, Africa, Latin America, and the Middle East. Topics analyzed include changing roles of women in economy and household during the process of economic development.

Attributes: Foreign Culture, GE IIIB Social Science-Economics, LE-I1 Integration,

LE-R2 Global Perspectives, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 366 Behavioral Economics (3 crs)

Prerequisite: ECON 103

Questions addressed in this course include: Do people act rationally, or is our thinking biased and emotional? Are individuals always selfish, or do they value fairness and altruism? What makes people happy? How does ideology affect choices and society?

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 371 Current Economic Problems (3 crs)

Prerequisite: ECON 103 and ECON 104, or consent of instructor.

Utilization of economic theory to study current economic problems and solutions to problems.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 373 Economics of Urban Issues (3 crs)

Prerequisite: Limited to organizational leadership and communication comprehensive major, Bachelor of Professional Studies degree.

This course provides an introduction to fundamental economic concepts, which are then applied to analyze urban issues such as housing, transportation, urban congestion, crime, and local government finance.

Attributes: GE IIIB Social Science-Economics, LE-K2 Social Sciences, BPS Flat Rate Tuition

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 375 Urban Economics (3 crs)

Prerequisite: ECON 103 or consent of instructor. Minimum sophomore standing.

An examination of the economic performance of urban economies, including theory, problems and policies. Includes the application of economics to the intricacies of such urban problems as poverty, housing, transportation, pollution and the urban environment.

Attributes: Cultural Diversity 1 cr., GE IIIB Social Science-Economics

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 390 Global Economics Immersion Experience (1-3 crs)

Consent: Instructor Consent Required

This course provides an introduction to fundamental economic concepts, which are then used to analyze important economic and social issues at an international site.

Attributes: Foreign Culture, GE IIIB Social Science-Economics, Field Trip(s) Required

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

ECON 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

ECON 491 Special Topics (1-3 crs)

Topics will vary, depending on interest of students and faculty. Topics may be specific themes or areas of economics.

ECON 492 Honors Seminar (3 crs)

Prerequisite: ECON 304, minimum 3.20 GPA in ECON courses. Minimum resident and total GPA of 3.35. Admission to Department Honors Program.

Individualized study of special topics in economics. Exact topics will differ depending on interests of the students and faculty members.

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 494 Academic Internship (3 crs)

Prerequisite: Twelve credits in economics. Limited to economics majors and minors. Credit cannot be earned in both ECON 494 and ECON 498.

Consent: Department Consent Required

Supervised application of classroom-acquired economics skills and knowledge in an academic setting related to the student's area of interest. To help prepare the student for graduate education.

Attributes: Internship

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 495 Directed Studies (1-3 crs)

Prerequisite: ECON 103 and ECON 104, or consent of instructor.

Consent: Department Consent Required

Course projects will be structured to fit the needs, interests, and goals of the participants.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

ECON 496 Honors Independent Study (1-3 crs)

Prerequisite: ECON 304. Minimum 3.20 GPA in ECON courses. Minimum resident and total GPA of 3.35. Admission to Department Honors Program.

Supervised agenda of reading and research with regular conferences between student and faculty member resulting in a high quality research paper.

Repeat: Course may be repeated for a maximum of 6 credits

ECON 498 Professional Internship (3 crs)

Prerequisite: Twelve credits in economics. Limited to economics majors and minors. Credit cannot be earned in both ECON 494 and ECON 498.
Consent: Department Consent Required

Supervised application of classroom-acquired economics skills and knowledge in a professional setting related to the student's area of interest.

Attributes: LE-11 Integration, Service-Learning, Full 30 Hours, Internship

ECON 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing.
Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

ECON 503 Intermediate Microeconomic Theory (3 crs)

Prerequisite: ECON 103 and ECON 104.
Consent: Department Consent Required

• *Cross-listed with ECON 303. Credit may not be earned in both courses.*

Application of economic analysis to consumer behavior, production decisions, and resource pricing.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 522 Investments (3 crs)

Prerequisite: ECON 104
Consent: Department Consent Required

• *Cross-listed with ECON 322. Credit may not be earned in both courses.*

Relationships between investments and the economy, risks, characteristics of securities, securities markets.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 525 Public Economics (3 crs)

Prerequisite: ECON 103 and ECON 104.
Consent: Department Consent Required

• *Cross-listed with ECON 325. Credit may not be earned in both courses.*

Revenues and expenditures of different units of government and public debt.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 531 Government and Business (3 crs)

Prerequisite: ECON 103 and ECON 104.
Consent: Department Consent Required

• *Cross-listed with ECON 331. Credit may not be earned in both courses.*

Market structures and institutions influencing relations between business and government.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 535 Labor Economics (3 crs)

Prerequisite: ECON 103 and ECON 104.
Consent: Department Consent Required

• *Cross-listed with ECON 335. Credit may not be earned in both courses.*

Wage theories, the labor market, employment and training policy, the unemployment problem, the economic effect of collective bargaining, the labor movement, and labor law.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 555 Economic Development (3 crs)

Prerequisite: ECON 103 and ECON 104.
Consent: Department Consent Required

• *Cross-listed with ECON 355. Credit may not be earned in both courses.*

Focuses on the economies of Africa, Asia, and Latin America. Helps develop an historical, institutional, and economic framework for critically understanding social and economic realities in these regions.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 557 Women and Economic Development (3 crs)

Consent: Department Consent Required

• *Cross-listed with ECON 357 and WMNS 357/WMNS 557. Credit may only be earned in one of these courses. No credit if taken after WMNS 480 in summer of 2001.*

Provides economic, institutional, and feminist frameworks for understanding socio-economic realities of women in Asia, Africa, Latin America, and the Middle East. Topics analyzed include changing roles of women in economy and household during the process of economic development.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ECON 695 Directed Studies (1-3 crs)

Consent: Department Consent Required

- *Cross-listed with ECON 495.*

Course projects will be structured to fit the needs, interests, and goals of the participants.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

ECON 703 Microeconomics Foundation (1 cr)

Prerequisite: Limited to MBA students.

- *Not for MBA degree credit. No credit if taken after ECON 103.*

Concentrated introduction to microeconomic theory for graduate students with previous business experience. Online course offered fall and spring plus some summers.

Attributes: Higher Cost Per Credit

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

ECON 704 Macroeconomics Foundation (1 cr)

Prerequisite: Limited to MBA students.

- *Not for MBA degree credit. No credit if taken after ECON 104.*

Concentrated introduction to macroeconomic theory for graduate students with previous business experience. Online course offered fall and spring plus some summers.

Attributes: Higher Cost Per Credit

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

ECON 710 Managerial Economics (3 crs)

Prerequisite: Limited to MBA students.

Presentation and analysis of modern decision-making models for managerial decisions relating to economic variables.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 745 Basic Economic Principles Applied to Current Problems (3 crs)

- *Teacher K-12*

Workshop introduces teachers to application of economic theories to current economic issues.

Attributes: Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ECON 793 Directed Studies (1-3 crs)

Consent: Department Consent Required

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

ECON 795 Research Paper (1-2 crs)

Consent: Department Consent Required

Repeat: Course may be repeated

Grading Basis: PR Only Grade Basis

ECON 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

ECON 799 Thesis (1-6 crs)

Consent: Department Consent Required

- *Full-time equivalent.*

A description of acceptable topics and the precise nature of the thesis requirement is provided in the departmental program descriptions.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: PR Only Grade Basis

Education Studies (ES)

ES 149 Introduction to Education (1 cr)

Provides experiences on which to base decisions about teaching as a career. Investigates purposes and goals of university education in preparation for a teaching career and presents strategy for having success in the university.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

ES 203 Exploring Schooling in Grades 1-8 (2 crs)

Prerequisite: Limited to teaching majors. Minimum 14 credits. Completion of University Writing Requirement. Minimum GPA of 2.75.

Examination of elementary and middle schooling, instructional planning, and effective teaching practices. The course combines field experiences with reading and discussion to provide an introduction to the roles and responsibilities of a professional educator at the elementary and middle school level.

Attributes: Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 8

ES 212 Initial Teaching Experience in Elementary, Middle, and High School Settings (2 crs)

Prerequisite: Minimum of 14 credits. Completion of University Writing Requirement. Passing ACT or PPST scores. Minimum resident and total GPA of 2.75.

This initial field experience provides opportunities to study and teach students in grades 1-12. School level placements made in accordance to certification requirements for ECA or EAA licensure. Student completes approximately 50 hours of observation/teaching.

Attributes: Special Course Fee Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 4

ES 284 Working with ELLs in an Academic or Professional Setting (2 crs)

Provides basic understanding of ideological, social, political, education, and cultural issues related to non-native English speakers. Cross-disciplinary perspectives of individuals who are linguistically diverse.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 285 Computers in Education: Introduction (1 cr)

Prerequisite: ES 203, or ES 210/ES 211, or ES 212, or SPED 205 or concurrent enrollment; or consent of instructor.

An introduction to computer applications useful for teachers including graphics, desktop publishing, spreadsheets, and Web page editing. Hands-on work is stressed.

Lecture/Discussion Hours: 1
Lab/Studio Hours: 1

ES 286 Technology & Special Education (1 cr)

Prerequisite: SPED 205 or concurrent enrollment or consent of instructor. Limited to SPED Early Childhood or SPED Learning Disabilities and Cognitive Disabilities majors.

An introduction to applications and technologies useful for special education educators including desktop publishing, visual literacy and assistive technologies. Hands-on work is stressed. All of the projects are suitable for inclusion in a portfolio.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 1

ES 295 Contemporary Critical Issues in Education (1-3 crs)

Consent: Department Consent Required

Problems of education relating to funding, teacher quality, and the status of the teaching profession, student academic performance, racial imbalances, and unequal educational opportunity. This course is designed to discuss these concerns and viable solutions.

ES 301 General Education Literacy Instruction PK-8 (3 crs)

Prerequisite: Limited to Special Education majors admitted to College of Education and Human Sciences. SPED 301 must be taken concurrently with ES 301 and provides field experience in general education classrooms.

This course examines theories and strategies prevalent in general education practices designed to support children in all aspects of literacy development.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 304 Teaching and Learning Practices (2 crs)

Prerequisite: ES 203. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 306, ES 307, ES 308, ES 309 and ES 335.

Introduction and development of the knowledge, skills, and dispositions necessary to create, organize, and maintain an enriched and positive 1-8 classroom environment. Topics include planning for instruction and assessment, developing positive relationships, and classroom management.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

ES 305 Reading Curriculum and Instruction in Grades 1-8 (3 crs)

Prerequisite: ES 203 or concurrent enrollment in SPED 301. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 306.

Study of the teaching methods, instructional materials, and evaluation techniques employed in elementary/middle level reading. Includes a directed practicum.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 306 Mathematics Curriculum and Instruction in Grades 1-8 (3 crs)

Prerequisite: ES 203; MATH 203, MATH 204 and MATH 305. Limited to teaching majors admitted to College of Education and Human Sciences. Consent: Department Consent Required

Study of teaching methods, instructional materials, evaluation techniques, and trends in mathematics. Includes a directed practicum.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 307 Language Arts Curriculum and Instruction in Grades 1-8 (3 crs)

Prerequisite: ES 203. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 306.

Teaching language arts in the elementary and middle school; writing, listening, and speaking skills are included. Methods, materials, and trends in language arts. Includes a directed practicum.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 308 Science Curriculum and Instruction in Grades 1-8 (3 crs)

Prerequisite: ES 203; BIOL 100; PHYS 100; GEOL 106. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 306.

Study of the teaching methods, instructional materials, evaluation techniques, and trends in science. An environmental education component is included as well as a directed practicum.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 309 Social Studies Curriculum and Instruction in Grades 1-8 (3 crs)

Prerequisite: ES 203. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 306.

Study of teaching methods, instructional materials, and techniques in elementary and middle level social studies. Explores trends in social studies and looks at education for employment. Includes a directed practicum.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 312 General Methods of Teaching (2 crs)

Prerequisite: Concurrent enrollment in ES 317, ES 318, ES 328, and a prescribed special methods course. Limited to teaching majors admitted to College of Education and Human Sciences.

Consent: Department Consent Required

Introduces models of teaching; lesson and unit planning; direct and indirect methods of instruction; audiovisual, computer, and other educational technologies; managing classrooms; and evaluating and grading student learning.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ES 316 Teaching Multicultural Literature in Grades K-12 (3 crs)

Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll. Completion of University Writing Requirement.

This course examines what it means to have a multicultural perspective on the use of children's literature in the classroom and to use those understandings to design rigorous writing curricula for all grade levels.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 317 Middle Level Methods and Curriculum (2 crs)

Prerequisite: Concurrent enrollment in ES 312, ES 318 or MUED 318, ES 328, and a prescribed methods course. Limited to teaching majors admitted to College of Education and Human Sciences.

• *Music education students should enroll in MUED 318; every other major education students should enroll in ES 318.*

Examination of teaching methods appropriate for middle level students and an analysis of philosophies and organizational schemes of the middle level curriculum.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ES 318 Teacher Assisting (1 cr)

Prerequisite: Concurrent enrollment in ES 312, ES 317, ES 328, and a prescribed special methods course. Limited to teaching majors admitted to College of Education and Human Sciences.

Consent: Department Consent Required

Field experience in which student will experience certain aspects of teaching under the discretion of a cooperating teacher.

Lecture/Discussion Hours: 0

Lab/Studio Hours: 2

ES 321 Contemporary Issues in Education (3 crs)

Students will view issues from a systems-lens to determine if issues are situational or systemic. Students will engage in discourse, debate, reflection, and research as they investigate contemporary issues in P-12 education.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 328 Content Area Reading and Study Strategies (2 crs)

Prerequisite: PSYC 261, or CSD 370, or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences and school psychology students.

Provides rationale and methods for determining the abilities of middle level and secondary students to read text in content areas and provides strategies for teaching effectively from text in a content area classroom.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ES 333 Literacy Learning in Culturally and Linguistically Diverse Classrooms (1 cr)

Prerequisite: ES 210/ES 211 or ES 212 or permission of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. No credit if taken after ES 753.

Designed for K-12 teachers, this course discusses literacy learning for diverse learners as well as a repertoire of literacy strategies to accomplish academic success.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

ES 335 Reading Assessment, Diagnosis and Remediation (2 crs)

Prerequisite: ES 305 or consent of instructor.

Field Practicum Hours: 1 Examines reading process, models of diagnosis, formal and informal assessment instruments, instructional planning, intervention and issues of literacy assessment. Practicum experience with students is required.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

ES 338 Reading, Language, and Thinking (3 crs)

Prerequisite: ES 328, or CSD 370, or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences and school psychology students.

Study of teaching the interrelationships of critical thinking, reading, writing, speaking, and listening across content areas; practice in research-based procedures to use language to promote learning. Study of the interdisciplinary team approach and group process.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 350 Art in Grades 1-8 (3 crs)

Prerequisite: Limited to art teaching majors admitted to College of Education and Human Sciences.

Prepares art education students for planning and teaching art in grades 1-8. Students will have a comprehensive understanding of elementary and middle school art curriculum.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 6

ES 354 Teaching Middle Level and Secondary Art (2 crs)

Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318 and ES 328. Limited to teaching majors admitted to College of Education and Human Sciences.

Prepares students for planning and teaching art at the middle and secondary levels. Students will develop middle school and high school curriculum units. Required of Art-Middle Level and Secondary Teaching and Art-Comprehensive Teaching majors.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ES 356 Teaching Social Studies in Grades 5-12 (2 crs)

Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318 and ES 328. Limited to teaching majors admitted to College of Education and Human Sciences.

Study of the curriculum, resources, teaching skills, and evaluation procedures for middle level and high school Social Studies. Required of the following teaching majors and/or minors: Latin American Studies, Social Studies, Economics, Geography, History, Political Science, Sociology.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ES 357 Teaching Mathematics in Grades 5-12 (2 crs)

Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318 and ES 328. Limited to teaching majors admitted to College of Education and Human Sciences.

Students construct an instructional framework based on research, theory, current practice, technology, and practical experience. Required of teaching majors and minors in mathematics.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ES 359 Teaching Physical Science (2 crs)

Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318, and ES 328. Limited to teaching majors admitted to College of Education and Human Sciences.

This course focuses on methods of science instruction that help students learn to teach science. Several teaching models will be examined to organize instruction. Required of teaching majors and minors in chemistry and physics.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ES 361 Teaching Theatre Arts (2 crs)

Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318, and ES 328. Limited to teaching majors admitted to College of Education and Human Sciences. Minimum resident and total GPA of 2.75.

- *Credit may be earned in only one of the following: ES 361, THEA 361, ES 360, THEA 360.*

A study and analysis of current materials including textbooks, assessment tools, and teaching materials. Preparation for play production, classroom units, and advocacy tools.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ES 366 Teaching Foreign Languages Grades 5-12 (2-3 crs)

Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318 and ES 328. Passing the ACTFL OPI or OPIc and WPT or consent of instructor.

- *Students majoring/minoring in more than one language or students who are MCEA regular education majors with a foreign language second major should enroll in this course for three credits.*

Theories of language acquisition and learning, methodological trends, review of current research, guidelines for teaching the skills and culture.

Lecture/Discussion Hours: 2-3

Lab/Studio Hours: 0

ES 367 Teaching Biology (2 crs)

Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318 and ES 328. Limited to teaching majors admitted to College of Education and Human Sciences.

Required of biology teaching majors and minors.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

ES 380 Educational Media (2 crs)

Prerequisite: ES 285 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences and library science minors.

Principles of selection and classroom utilization of educational media, basic media production skills, and operation of electronic and projection equipment.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

ES 381 Technology for Educators (2 crs)

Prerequisite: Limited to teaching majors admitted to the College of Education and Human Sciences.

An exploration of current and emerging technologies pertinent to the K-12 classroom and education as a profession.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ES 384 Content Area ESL Instruction (2 crs)

Prerequisite: ES 203 or ES 212 or SPED 205 or consent of instructor. Limited to non-TESOL minors.

- *Non-TESOL minors only; open to in-service teachers.*

Focuses on various instructional strategies to make content knowledge comprehensive for English Learners (ELs). Emphases given to instructional and assessment strategies, various ESL and bilingual education models, and language acquisition theories.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ES 385 Social Foundations: Human Relations (3 crs)

- *Students are expected to accrue 15 of the 30 hours of volunteer/field work prior to the semester they are enrolled in ES 385/ES 585.*

Students will examine cultural contributions of racial, ethnic, cultural, gender, and economic groups. They will also examine forces of discrimination and racism on individuals, society, and education and analyze practices that promote dignity, social justice, and equality.

Attributes: Cultural Diversity 3 cr., GE V University Wide, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity, Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering, Special Course Fee Required Varies by Term/Section

Lecture/Discussion Hours: 3

Lab/Studio Hours: 1

ES 405 Teaching English to Speakers of Other Languages (3 crs)

Prerequisite: FLG 378 or concurrent enrollment, and one year college level foreign language study or equivalent, or consent of instructor.

Designed to help school teachers and others recognize the language difficulties of non-native speakers and teach effectively the sounds, basic structures, and vocabulary of English. Stresses development and use of practical techniques and materials based on second-language acquisition principles.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 408 Methods of Teaching Content-Based ESL (4 crs)

Prerequisite: ES 405 or concurrent enrollment. Limited to TESOL minors.

ESL, bilingual education, and content area teachers learn to modify course materials, instructional strategies and assessments so that English language learning students can engage in course content while simultaneously developing their new language. Student completes approximately 40 hours of field experience.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

ES 410 Current Trends and Practices in Teaching Reading (1 cr)

Prerequisite: ES 305 or equivalent. Limited to teaching non-degree students.

Current issues and innovations in teaching reading. May be taken during three different summer sessions for a total of three credits applied toward certification and/or degree.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 3 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

ES 411 Methods of Bilingual/Bicultural Content-Based Instruction and Curriculum Design (3 crs)

Prerequisite: ES 405. Limited to TESOL minors.

Students will learn about bilingual language acquisition, appropriate instruction of bilingual children through grade-level subject matter, various program models, and methods of assessing bilingual students. Students will develop curricula to teach bilingually in content areas.

Attributes: Cultural Diversity 2 cr., Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required Varies by Term/Section

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 413 Computers in Education: Multimedia Presentations (1 cr)

Prerequisite: ES 285

Consent: Instructor Consent Required

Develops skills in the design and production of computer based multimedia presentations that include animation, sound, hypermedia links, and digital images. Students produce and demonstrate the proper utilization of a multimedia material.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

ES 415 Assessment and Evaluation in Grades 1-12 (2 crs)

Prerequisite: ES 304 or ES 312. Limited to teaching majors admitted to College of Education and Human Sciences.

Includes observational techniques, teacher-made devices, familiarity with standardized instruments and relative statistical concepts, alternative and performance-based assessments, and current national and state evaluation trends.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ES 435 Classroom Management in Grades 1-12 (3 crs)

Prerequisite: ES 304. Limited to teaching majors admitted to College of Education and Human Sciences.

Introduction to the knowledge, skills, and dispositions necessary to create, organize, and maintain an enriched and positive 1-12 classroom environment and set high standards for all students through curriculum and instructional design.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 436 Education of Girls and Women in the United States (2 crs)

Prerequisite: Minimum junior standing.

• *Credit may not be earned in both ES 436 and WMNS 436. No credit if taken after special topics or directed study with the same title.*

This course will focus on both informal and formal definitions of schooling and explore a wide array of influences and choices that contribute to the preparation of resilient women who grow and change through their lifetime.

Attributes: Cultural Diversity 1 cr., GE V University Wide, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ES 437 Teaching Foreign Languages in Grades 1-8 (2 crs)

Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318 and ES 328. Passing the ACTFL OPI or OPIc and WPT or consent of instructor.

• *Admission to professional semester.*

Principles and practices in teaching foreign languages in grades 1-8. Preparation for teaching in bilingual education programs.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ES 440 Internship Teaching in Elementary Education (7-14 crs)

Consent: Department Consent Required

• *Admission to the professional semester and recommendation of the Department of Education Studies. Offered on satisfactory/unsatisfactory grade basis only.*

The intern is a paid contractual member of public school staff, spending the entire semester in the school system in an elementary setting. The public school calendar is followed.

Attributes: Internship, Special Course Fee Required

Grading Basis: S/U Only Grade Basis

ES 441 Student Teaching in Elementary Education (7 crs)

• Admission to the professional semester and recommendation of the Department of Education Studies. Offered on satisfactory/unsatisfactory grade basis only.

The student teaches full time for one quarter in the elementary grades. The calendar of the school to which the student is assigned is followed for beginning, ending, and vacation dates.

Repeat: Course may be repeated for a maximum of 14 credits
Grading Basis: S/U Only Grade Basis

ES 445 Student Teaching in Middle Level Education (7 crs)

• Admission to the professional semester and recommendation of the Department of Education Studies. Offered on satisfactory/unsatisfactory grade basis only.

Students teach full time for one quarter in a middle level school. Students typically teach in their approved major/minor area. The calendar of the school to which students are assigned is followed for beginning, ending, and vacation dates.

Repeat: Course may be repeated for a maximum of 14 credits
Grading Basis: S/U Only Grade Basis

ES 446 Internship Teaching in Middle Level Education (7-14 crs)

Consent: Department Consent Required

• Admission to the professional semester and recommendation of the Department of Education Studies. Offered on satisfactory/unsatisfactory grade basis only.

The intern is a paid contractual member of the public school staff, spending the entire semester in the school system in a middle level setting. The public school calendar is followed.

Attributes: Internship, Special Course Fee Required
Repeat: Course may be repeated for a maximum of 14 credits
Grading Basis: S/U Only Grade Basis

ES 456 Understanding the Early Adolescent (3 crs)

Prerequisite: ES 203 or ES 210 or ES 212 and admission to program or professional teaching experience. Limited to teaching majors admitted to College of Education and Human Sciences.

Examination of changing attitudes and behaviors of early adolescent youth as related to teaching-learning situations.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 457 Integrating Literacies into the Middle Grades Curriculum (3 crs)

Prerequisite: ES 304. Limited to teaching majors admitted to College of Education and Human Sciences.

Designed to provide means to develop understanding of early adolescent learning and to explore, research, analyze, and acquire knowledge and skills necessary to plan and deliver sound educational experiences pertaining to literacy in middle schools.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 460 Reading and the Young Child (3 crs)

This course examines curriculum, methods, assessments, materials, and trends in teaching oral language, reading, and writing to children from birth through grade 3.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 463 Practicum in Elementary/Developmental Literacy Grades 1-5 (1 cr)

Consent: Department Consent Required

Provides a field experience to acquire proficiency in the teaching of reading in the primary grades 1-5. Students will observe, plan, teach and assess reading in an elementary school over the course of a semester.

Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0.5
Lab/Studio Hours: 1.5

ES 464 Practicum in Content Area Reading (1 cr)

• Must be taken concurrently or after a course in content area reading.

Application of strategies for assessing the difficulty of text in content areas; focuses on classroom difficulties due to differing reading abilities of students, with recommended strategies for teaching reading. Supervised practicum for reading teacher and specialist only.

Attributes: Undergraduate/Graduate Offering, Capstone Course
Lecture/Discussion Hours: 0
Lab/Studio Hours: 1

ES 470 Student Teaching in Secondary Education (7 crs)

• Admission to professional semester and recommendation of the Department of Education Studies. Offered on satisfactory/unsatisfactory grade basis only.

The student teaches full time for one quarter in a high school setting. The calendar of the school to which the student is assigned is followed for beginning, ending, and vacation dates.

Repeat: Course may be repeated for a maximum of 14 credits
Grading Basis: S/U Only Grade Basis

ES 471 Student Teaching in Special Subjects (1-3 crs)

- *Teacher licensure, related special methods course(s), and departmental approval.*

Intended for teachers already certified who are seeking additional licensure; limited student teaching experience specially arranged with student.

Grading Basis: S/U Only Grade Basis

Lecture/Discussion Hours: 1-3

Lab/Studio Hours: 0

ES 473 Legal Aspects of Teaching (3 crs)

Recent developments in the definition of legal rights of students and teachers are explored. Rights of students which are considered include student discipline, admission and attendance, injury, and tests and records. Rights of teachers which are considered include tenure, due process, contracts, negotiations, and liability for student injury.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 474 Computers in Education: Instructional Design and Development (3 crs)

Prerequisite: ES 285 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.

The instructional design and creation of computer-based curricular materials for group and individual instruction within established learning principles.

Attributes: Field Trip(s) Required

Repeat: Course may be repeated

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

ES 475 Internship Teaching in Secondary Education (7-14 crs)

Consent: Department Consent Required

- *Admission to professional semester and recommendation of the Department of Education Studies. Offered on satisfactory/unsatisfactory grade basis only.*

The intern is a paid contractual member of the public school staff, spending the entire semester in the school system in a high school setting. The public school calendar is followed.

Attributes: Internship, Special Course Fee Required

Grading Basis: S/U Only Grade Basis

ES 476 Developing Programs and Curriculum Materials for the Gifted Student in Grades 1-12 (3 crs)

Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll.

Consent: Instructor Consent Required

Reviews characteristics of gifted student. Suggests program modifications to meet their needs. Stresses stimulation of creative and productive thinking. Participants will identify materials and/or develop a program for selected students in their own school.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 477 Computers in Education: Instructional Applications (3 crs)

Prerequisite: ES 285 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.

Consent: Instructor Consent Required

An introduction to current thinking and research related to computers in education. Students will formulate a plan for use of computers, evaluate existing programs, and develop a hypertext/media application.

Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

ES 485 Field Studies of Minority Groups (3 crs)

Prerequisite: ES 385 or consent of instructor.

A study of the culture, lifestyles, values, and contributions of African American, Indian, Latino, and Hmong minority groups. Students live and work in minority communities, meeting their leaders, interviewing their members, visiting schools, and assisting in playground and youth activities. The group will attend cultural events and a pow-wow, as available.

Attributes: Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 1

Lab/Studio Hours: 6

ES 490 Historical, Legal, and Philosophical Foundations of Education (3 crs)

Prerequisite: ES 385/ES 585

- *Graduate students may also enroll.*

The application of historical, legal, and philosophical principles to classroom operations. Includes the development of a personal philosophy of education.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 493 International Experience in Education (1-8 crs)

Consent: Department Consent Required

- *Completion of junior methods practicum or teaching license.*

Allows students to study some aspects of education in another country. Experiences may involve teaching, survey of curriculum, methodology, trends and/or study tour of education facilities. Experience must be approved by department chair.

Attributes: Undergraduate/Graduate Offering

ES 495 Directed Studies in Education (1-3 crs)

- *Arranged by department in response to need.*

Group study, under the immediate direction of departmental faculty, of a problem not covered in existing courses.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

ES 497 Field Experience Seminar (2 crs)

- *Admission to professional semester and recommendation of Department of Education Studies. Required for elementary education MCEA (Middle Childhood through Early Adolescence), secondary education ECA (Early Childhood through Adolescence), and secondary education EAA (Early Adolescence through Adolescence) education majors.*

A capstone seminar designed to provide experiences in which students refine and demonstrate competence in instructional planning, instructional delivery, and other collaborative and professional practices while meeting the needs of a diverse student population. Taken in conjunction with student teaching/internship. Preparation for the materials and competencies required for the job search is highlighted.

Attributes: LE-11 Integration, LE-S3 Creativity, Undergraduate/Graduate Offering, Capstone Course, Special Course Fee Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ES 499 Independent Study (1-3 crs)

Consent: Department Consent Required

Study of an education issue under the supervision of Education Studies faculty.

Repeat: Course may be repeated

ES 501 General Education Literacy Instruction PK-8 (3 crs)

Prerequisite: Limited to Special Education majors admitted to College of Education and Human Sciences. SPED 301/SPED 501 must be taken concurrently with ES 301/ES 501 and provides field experience in general education classrooms.

- *Cross-listed with ES 301. Credit may not be earned in both courses. SPED 301/SPED 501 must be taken concurrently with ES 301/ES 501 and provides field experience in general education classrooms.*

This course examines theories and strategies prevalent in general education practices designed to support children in all aspects of literacy development.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 512 General Methods of Teaching (2 crs)

Prerequisite: Admission to program. Concurrent enrollment in ES 317/ES 517, ES 318, ES 328/ES 528, and a prescribed special methods course.

Consent: Department Consent Required

- *Cross-listed with ES 312. Credit may not be earned in both courses. Admission to program. Concurrent enrollment in ES 318, ES 328/ES 528, and a prescribed special methods course.*

Introduces models of teaching; lesson and unit planning; direct and indirect methods of instruction; audiovisual, computer, and other educational technologies; managing classrooms; and evaluating and grading student learning.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ES 516 Teaching Multicultural Literature in Grades K-12 (3 crs)

Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll. Completion of University Writing Requirement.

- *Cross-listed with ES 316. Credit may not be earned in both courses.*

This course examines what it means to have a multicultural perspective on the use of children's literature in the classroom and to use those understandings to design rigorous writing curricula for all grade levels.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 517 Middle Level Methods and Curriculum (2 crs)

- *Cross-listed with ES 317. Credit may not be earned in both courses. Concurrent enrollment in ES 312, ES 318 or MUED 318, ES 328, and a prescribed methods course. Limited to teaching majors admitted to College of Education and Human Sciences.*

Examination of teaching methods appropriate for middle level students and an analysis of philosophies and organizational schemes of the middle level curriculum.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ES 528 Content Area Reading and Study Strategies (2 crs)

Prerequisite: PSYC 261 or CSD 370 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences and school psychology students.

- *Cross-listed with ES 328. Credit may not be earned in both courses.*

Provides rationale and methods for determining the abilities of middle level and secondary students to read text in content areas and provides strategies for teaching effectively from text in a content area classroom.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ES 533 Literacy Learning in Culturally and Linguistically Diverse Classrooms (1 cr)

Prerequisite: ES 210/ES 211 or ES 212 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. No credit if taken after ES 753.

- *Cross-listed with ES 333. Credit may not be earned in both courses.*

Designed for K-12 teachers, this course discusses literacy learning for diverse learners as well as a repertoire of literacy strategies to accomplish academic success.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

ES 538 Reading, Language, and Thinking (3 crs)

Prerequisite: ES 328/ES 528, or CSD 370, or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences and school psychology students.

- *Cross-listed with ES 338. Credit may not be earned in both courses.*

Study of teaching the interrelationships of critical thinking, reading, writing, speaking, and listening across content areas; practice in research-based procedures to use language to promote learning. Study of the interdisciplinary team approach and group process.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 584 Content Area ESL Instruction (2 crs)

- *Cross-listed with ES 384. Credit may not be earned in both courses. Non-TESOL minors only; open to in-service teachers; S/U grade not allowed for graduate students.*

Focuses on various instructional strategies to make content knowledge comprehensive for English Learners (ELs). Emphases given to instructional and assessment strategies, various ESL and bilingual education models, and language acquisition theories.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ES 585 Social Foundations: Human Relations (3 crs)

- *Cross-listed with ES 385. Credit may not be earned in both courses. Students are expected to accrue 15 of the 30 hours of volunteer/field work prior to the semester they are enrolled in ES 385/ES 585.*

Students will examine cultural contributions of racial, ethnic, cultural, gender, and economic groups. They will also examine forces of discrimination and racism on individuals, society, and education and analyze practices that promote dignity, social justice, and equality.

Attributes: Special Course Fee Required Varies by Term/Section

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 1

ES 605 Teaching English to Speakers of Other Languages (3 crs)

Prerequisite: FLG 378 or concurrent enrollment, and one year college level foreign language study or equivalent, or consent of instructor.

- *Cross-listed with ES 405. Credit may not be earned in both courses.*

Designed to help school teachers and others recognize the language difficulties of non-native speakers and teach effectively the sounds, basic structures, and vocabulary of English. Stresses development and use of practical techniques and materials based on second-language acquisition principles.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 608 Methods of Teaching Content-Based ESL (3 crs)

Prerequisite: ES 405/ES 605. Limited to TESOL minors.

- *Cross-listed with ES 408. Credit may not be earned in both courses.*

Future and current English as a Second Language (ESL), bilingual education, and content-area teachers learn how to modify mainstream course materials and instructional strategies so that English language learning students can engage in course content while simultaneously developing their new language.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 610 Current Trends and Practices in Teaching Reading (1 cr)

Prerequisite: ES 305 or equivalent. Limited to teaching non-degree students.

- *Cross-listed with ES 410.*

Current issues and innovations in teaching reading. May be taken during three different summer sessions for a total of three credits applied toward certification and/or degree.

Repeat: Course may be repeated for a maximum of 3 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

ES 611 Methods of Bilingual/Bicultural Content-Based Instruction and Curriculum Design (3 crs)

Prerequisite: ES 405/ES 605. Limited to TESOL minors.

- *Cross-listed with ES 411. Credit may not be earned in both courses.*

Students will learn about bilingual language acquisition, appropriate instruction of bilingual children through grade-level subject matter, various program models, and methods of assessing bilingual students. Students will develop curricula to teach bilingually in content areas.

Attributes: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 613 Computers in Education: Multimedia Presentations (1 cr)

Prerequisite: ES 285

Consent: Instructor Consent Required

- *Cross-listed with ES 413. Credit may not be earned in both courses.*

Develops skills in the design and production of computer based multimedia presentations that include animation, sound, hypermedia links, and digital images. Students produce and demonstrate the proper utilization of a multimedia material.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

ES 615 Assessment and Evaluation in Grades 1-12 (2 crs)

Prerequisite: ES 304 or ES 312/ES 512. Limited to teaching majors admitted to College of Education and Human Sciences.

- *Cross-listed with ES 415. Credit may not be earned in both courses.*

Includes observational techniques, teacher-made devices, familiarity with standardized instruments and relative statistical concepts, alternative and performance-based assessments, and current national and state evaluation trends.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ES 636 Education of Girls and Women in the United States (2 crs)

- *Cross-listed with ES 436 and WMNS 436/WMNS 636. Credit may only be earned in one of these courses. No credit if taken after special topics or directed study with the same title.*

This course will focus on both informal and formal definitions of schooling and explore a wide array of influences and choices that contribute to the preparation of resilient women who grow and change through their lifetime.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ES 656 Understanding the Early Adolescent (3 crs)

Prerequisite: ES 203 or ES 210 or ES 212 and admission to program or professional teaching experience. Limited to teaching majors admitted to College of Education and Human Sciences.

- *Cross-listed with ES 456. Credit may not be earned in both courses.*

Examination of changing attitudes and behaviors of early adolescent youth as related to teaching-learning situations.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 657 Integrating Literacies into the Middle Grades Curriculum (3 crs)

Prerequisite: ES 304. Limited to teaching majors admitted to College of Education and Human Sciences.

- *Cross-listed with ES 457. Credit may not be earned in both courses.*

Designed to provide means to develop understanding of early adolescent learning and to explore, research, analyze, and acquire knowledge and skills necessary to plan and deliver sound educational experiences pertaining to literacy in middle schools.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 660 Reading and the Young Child (3 crs)

- *Cross-listed with ES 460. Credit may not be earned in both courses.*

This course examines curriculum, methods, assessments, materials, and trends in teaching oral language, reading, and writing to children from birth through grade 3.

Grading Basis: No S/U Grade Option

ES 663 Practicum in Elementary/Developmental Literacy Grades 1-5 (1 cr)

Consent: Department Consent Required

- *Cross-listed with ES 463. Credit may not be earned in both courses.*

Provides a field experience to acquire proficiency in the teaching of reading in the primary grades 1-5. Students will observe, plan, teach and assess reading in an elementary school over the course of a semester.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0.5

Lab/Studio Hours: 1.5

ES 664 Practicum in Content Area Reading (1 cr)

- *Cross-listed with ES 464. Credit may not be earned in both courses. This course must be taken concurrently or after a course in content area reading.*

Application of strategies for assessing the difficulty of text in content areas; focuses on classroom difficulties due to differing reading abilities of students, with recommended strategies for teaching reading. Supervised practicum for reading teacher and specialist only.

Attributes: Capstone Course
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 0
Lab/Studio Hours: 1

ES 673 Legal Aspects of Teaching (3 crs)

- *Cross-listed with ES 473. Credit may not be earned in both courses.*

Recent developments in the definition of legal rights of students and teachers are explored. Rights of students which are considered include student discipline, admission and attendance, injury, and tests and records. Rights of teachers which are considered include tenure, due process, contracts, negotiations, and liability for student injury.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 676 Developing Programs and Curriculum Materials for the Gifted Student in Grades 1-12 (3 crs)

Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll.

Consent: Instructor Consent Required

- *Cross-listed with ES 476. Credit may not be earned in both courses.*

Reviews characteristics of gifted student. Suggests program modifications to meet their needs. Stresses stimulation of creative and productive thinking. Participants will identify materials and/or develop a program for selected students in their own school.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 677 Computers in Education: Instructional Applications (3 crs)

Prerequisite: ES 285 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.

Consent: Instructor Consent Required

- *Cross-listed with ES 477. Credit may not be earned in both courses.*

An introduction to current thinking and research related to computers in education. Students will formulate a plan for use of computers, evaluate existing programs, and develop a hypertext/media application.

Attributes: Field Trip(s) Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

ES 685 Field Studies of Minority Groups (3 crs)

Prerequisite: ES 385/ES 585 or consent of instructor.

- *Cross-listed with ES 485. Credit may not be earned in both courses.*

A study of the culture, lifestyles, values, and contributions of African American, Indian, Latino, and Hmong minority groups. Students live and work in minority communities, meeting their leaders, interviewing their members, visiting schools, and assisting in playground and youth activities. The group will attend cultural events and a pow-wow, as available.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 690 Historical, Legal, and Philosophical Foundations of Education (3 crs)

Prerequisite: ES 385/ES 585

- *Cross-listed with ES 490. Credit may not be earned in both courses. Graduate students may also enroll.*

The application of historical, legal, and philosophical principles to classroom operations. Includes the development of a personal philosophy of education.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 693 International Experience in Education (1-8 crs)

Consent: Department Consent Required

- *Cross-listed with ES 493. Completion of methods practicum or teaching license.*

Allows students to study some aspects of education in another country. Experiences may involve teaching, survey of curriculum, methodology, trends and/or study tour of education facilities. Experience must be approved by department chair.

Grading Basis: No S/U Grade Option

ES 695 Directed Studies in Education (1-3 crs)

- *Cross-listed with ES 495. Arranged by department in response to need.*

Group study, under the immediate direction of departmental faculty, of a problem not covered in existing courses.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

ES 697 Field Experience Seminar (1 cr)

• Cross-listed with ES 497. Credit may not be earned in both courses. Admission to professional semester and recommendation of Department of Education Studies. Required for elementary education MCEA (Middle Childhood through Early Adolescence), secondary education ECA (Early Childhood through Adolescence), and secondary education EAA (Early Adolescence through Adolescence) education majors.

A capstone seminar designed to provide experiences in which students refine and demonstrate competence in instructional planning, instructional delivery, and other collaborative and professional practices while meeting the needs of a diverse student population. Taken in conjunction with student teaching/internship. Preparation for the materials and competencies required for the job search is highlighted.

Attributes: Capstone Course, Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

ES 705 Literacy Assessment (3 crs)

Prerequisite: CSD 311/CSD 511; ES 328/ES 528; SPED 300/SPED 500 or SPED 330/SPED 530 or SPED 400/SPED 600; or equivalent for each or consent of instructor.

Teachers will examine assessment methods for reading and writing, conduct assessments, and analyze data to inform instructional decisions. Issues of literacy assessment will be explored. Work outside of class with a student is required.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 706 Practicum in Literacy (1 cr)

Prerequisite: ES 705 or consent of instructor.

Using assessment methods learned in ES 705, teachers work on multidisciplinary teams to assess a client and make instructional recommendations. Teachers discuss issues of each case and review and share research related to their case.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

ES 710 Children and Youth at Risk (2 crs)

Describes what factors put children/youth at risk; topics include resiliency and thriving theories, causes and conditions, and emotional well-being issues in the context of public schools and communities.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ES 712 Social Foundations of Education (3 crs)

The purpose of this course is to help students develop into educators who critically examine the political, social, economic, ideological, and cultural landscape in which they will teach.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 720 Philosophical Foundations of Education (3 crs)

This course will survey philosophical thought foundational to educational theory and practice. The course is intended for graduate students who want an interdisciplinary approach to understanding the role and structure of the American education system.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 721 Teacher Reflection and Evaluation (1 cr)

Designed to assist educators in examining their teaching through reflective practice. Participants will explore and apply multiple ways of reflecting and evaluating their teaching from peer assistance to self-evaluations, student interviews, and teaching portfolios.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

ES 725 Mathematics Curriculum, Instruction, and Evaluation in Grades 1-12 (3 crs)

Prerequisite: ES 306 or ES 357 or consent of instructor.

A survey of current trends and issues related to mathematics teaching and learning in elementary through high school. Contemporary instructional procedures, curricula and assessment methods will be examined. Technology integration will be infused.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 726 Issues of Critical Literacy in Grades K-12 (3 crs)

Prerequisite: ES 305, ES 328/ES 528 or ES 753.

A major thrust of this course will be on the social, cultural, and political dimensions of literacy education in grades K-12.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 730 Comparative Education (3 crs)

Theory, structure, and organization of education. Examines education in selected countries of Europe, South America, Near East, Middle East, and Far East.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 731 Administration and Leadership in Reading Instruction (3 crs)

Prerequisite: ES 305 or ES 726, ES 705, ES 706, and ES 753.

Provides the prospective Reading Specialist with coaching models, study of reading program reform and home, school and community partnerships. Examines leadership strategies to administer and promote the K-12 district reading instruction and assessment program.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 732 Social Studies Curriculum and Instruction in Grades 1-12 (3 crs)

Analysis of trends, issues, materials, and practices in Social Studies education.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 733 Science Curriculum and Instruction in Grades 1-12 (3 crs)

Prerequisite: ES 308 or consent of instructor.

Advanced study of contemporary curriculum models and strategies for teaching science. Investigates current issues affecting 1-12 science teaching.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 734 Current Trends and Issues in Curriculum 1-12 (3 crs)

Organizing elements, current issues, innovations, and trends in curriculum for grades 1-12.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 738 Curriculum Theory and Development in Modern Society (3 crs)

Intended for classroom teachers and others who have curriculum development responsibilities; systematic procedures for developing complete courses or units of instruction.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 740 Introduction to Educational Research (3 crs)

Survey of research procedures and techniques and their interpretation; critical examination and interpretation of the research literature on teaching.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 742 Advanced Topics in Teaching (1-3 crs)

A collection of one-credit courses, varying in scope and in degree of emphasis on educational issues and/or practices, designed to provide continued study of topics related to professional issues and professional performance.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

ES 743 Instructional Supervision Theory (3 crs)

Consent: Instructor Consent Required

A theory based course designed to develop the competence of those preparing to supervise teacher education students. Fees may be waived if the cooperating teacher, team leader, or administrator is serving the UW-Eau Claire teacher education program.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 744 Advanced Practica and Topics in Supervision (1 cr)

Prerequisite: ES 743 or supervision course.

- *Current involvement in supervision.*

A practicum based course designed to enhance and refine the supervisory skills of cooperating teachers supervising teacher education students. Fees may be waived if the cooperating teacher is serving the UW-Eau Claire teacher education program.

Repeat: Course may be repeated for a maximum of 3 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

ES 745 Language Arts Curriculum and Instruction in Grades 1-8 (3 crs)

Materials, procedures, and organization of elementary and middle school language arts. For teachers, supervisors, and administrators in elementary and middle schools.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 746 Literacy Learning in Culturally and Linguistically Diverse Classrooms (3 crs)

Addresses socio-cultural, pedagogical, and instructional issues related to CLD learners' literacy development with focus on the study of second language teaching approaches (instructional, curricular, and behavioral strategies) applicable for K-12 learning environments.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 753 Facilitating Literacy Across the Curriculum (3 crs)

Rationale and methods for determining and meeting the needs and abilities of middle level, secondary, and post-secondary students to read text in content areas.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 755 Interpersonal Effectiveness in the School Environment (3 crs)

Designed to help participants develop abilities to act in concert with teachers in a team environment. Includes a study of current literature and techniques in the inter-department team relationships. Emphasis is on simulations of stress situations in which participants diagnose the causes and explore solution techniques.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 760 Administrative Leadership (3 crs)

A study of selected theories and research relating to individual and group behaviors in K-12 educational organizations with emphasis on the characteristics of educational leadership including participatory management, long range strategic planning and change agent processes. Particular emphasis is given to human relations skills as well as oral and written communication skills needed by public school leaders.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 765 University of Wisconsin-Reading Symposium (1 cr)

Consent: Instructor Consent Required

• Held off-site in Milwaukee, Appleton, or Madison

This two day June symposium features nationally recognized speakers who address recent advances and issues in K-12 reading research. Strategies and practices to enhance classroom instruction are provided.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

ES 768 Seminar in Reading (3 crs)

Prerequisite: ES 706 or ES 740 or ES 788.

Content determined by both professor and students. Multiple topics for consideration presented by instructor. Each class member is required to be familiar with all topics and to investigate one in considerable depth.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 770 School Law (3 crs)

Study of the legal system, Wisconsin Statutes relating to schools, federally mandated programs, teacher and student freedoms and responsibilities, and case law related to the foregoing.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 771 Cooperative Learning and Grouping in the Classroom (3 crs)

The operation of schools and classrooms and the organization of curriculum and instruction are examined from group perspectives. Cooperative learning and other strategies for using small groups in classrooms.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 772 Seminar in Elementary and Middle Level Education (1-3 crs)

Consent: Instructor Consent Required

An intensive study of selected topics in elementary and middle level education. The exact topics to be studied will vary according to the interests of the professor and the seminar participants.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

ES 774 Evaluation of Learner Achievement (3 crs)

Includes instruction objectives, improving teacher evaluation devices, selecting standardized tests, analyzing and interpreting test scores, norms and profiles, and review of current literature.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 776 Teaching Adult Learners (3 crs)

Examines the nature and needs of adult learners, approaches to adult learning programs, methods for instructing and evaluating adult learners, as well as trends and projections in adult education.

Attributes: Special Course Fee Required Varies by Term/Section

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 777 Program Evaluation (3 crs)

The development of competency in designing, implementing, reporting, and assessing a plan to evaluate academic and nonacademic educational programs.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 778 Organizing Instruction for Adult Learners (3 crs)

A dynamic model for planning instruction for adults includes collaboration, backwards design, motivation, needs analysis, assessment/evaluation and differentiation. Targeted for those who spend all or part of their time developing programs for adults.

Attributes: Special Course Fee Required Varies by Term/Section

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 779 Working Effectively with Adults (3 crs)

Working effectively with adults requires a comprehensive set of verbal skills (listening, empathizing and clarifying), an action orientation towards true commitment and a willingness towards seeing reality from different points of view.

Attributes: Special Course Fee Required Varies by Term/Section

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 780 Developing, Evaluating and Sustaining Collaborative Programs (3 crs)

Adult learning experiences are strengthened when designers, administrators, and participants collaboratively plan to construct, evaluate, and sustain programs. This course prepares participants to implement collaborative program design and evaluation processes for new or existing programs.

Attributes: Special Course Fee Required Varies by Term/Section

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 781 Developing and Assessing Programs for Adults (3 crs)

Prerequisite: ES 776, ES 778, ES 779, ES 780.

Requires learners to re-design a course/program for adult learners in a professional setting of implementation quality, grounded in research and practice. A capstone course for the Certificate in Adult Learning.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 782 Policy, Polity, and Politics of Educational Assessment (3 crs)

• *Undergraduate course in assessment, or instructor consent.*

This course explores current federal and state public policy, its political assumptions, its social pretensions, and its pedagogical implications. Generates a space to critically develop instruments that are consistent with critical pedagogies.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 783 Critical Examination of Diversity, Education and Society (3 crs)

Students will examine, analyze, and reflect on social, political, economic, and cultural practices of oppression, discrimination, racism, sexism, heterosexism, linguisticism, and classism in relation to educational inequity.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 784 Contemporary Issues in Education Policy (3 crs)

This course critically examines the impact of intersecting systems on U.S. education policy. These systems will be discussed in terms of relationships between social, political, historical, and economic factors that impact contexts of public education.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 785 Issues in Middle Grade Teaching (3 crs)

An examination of issues facing middle grade teachers including needs of students, self concept, organization, curriculum, grading/reporting, and student activities.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 788 Introduction to Educational Inquiry (3 crs)

- Admission to Master of Education--Professional Development or Master of Science in Teaching Degree Program.

Study of educational inquiry and research methodologies. Intended to increase student's ability to critically read and synthesize the products of educational inquiry, to conceptualize and conduct a clear, disciplined inquiry into a topic.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ES 794 Scholarly Paper (1-2 crs)

Consent: Department Consent Required

- Permission of scholarly paper adviser.

Selection and implementation of the scholarship/research process with guidance from an Education Studies graduate adviser. Culminates in a paper and an oral presentation.

Repeat: Course may be repeated for a maximum of 2 credits
Grading Basis: S/U Only Grade Basis

ES 795 Research Paper (1-2 crs)

Repeat: Course may be repeated
Grading Basis: PR Only Grade Basis

ES 796 Directed Studies (1-3 crs)

A group may investigate common problems.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

ES 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

ES 798 Graduation Only (1 cr)

Repeat: Course may be repeated
Grading Basis: PR Only Grade Basis

ES 799 Thesis (1-6 crs)

- Full-time equivalent

A description of acceptable topics and the precise nature of the thesis requirement is provided in the departmental program descriptions.

Repeat: Course may be repeated
Grading Basis: PR Only Grade Basis

English (ENGL)

ENGL 100 Academic Reading and Writing for Bi-Cultural Students (3 crs)

Consent: Department Consent Required

Experience in academic reading and writing, concentration on processes and skills needed for success in university work; development of short academic essays; emphasis on patterns of American English (organization, sentence structure, grammar, vocabulary).

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 121 Busting Language Myths (3 crs)

Explore the underworld of English language studies, the part your high school teachers never told you about. Investigate and dispel several common myths about language using insightful readings, critical reflection, and linguistic research methods.

Attributes: GE IA Communication-Language Arts, LE-K2 Social Sciences
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 130 Introduction to World/Postcolonial Literature (3 crs)

Introduction to Eastern and Western literary classics from ancient and/or modern times (excluding British and American), with emphasis on cultural significance. Attention may also be given to origin and development of literary forms, modes, techniques, and conventions.

Attributes: Foreign Culture, GE IVD Humanities-Literature, LE-K3 Humanities, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 140 Critical Reading (3 crs)

Consent: Department Consent Required

Development of the skills, strategies, attitudes, and habits associated with critical reading that are required for college success. Focus on comprehension, analysis, and reasoned judgment in individual and group environments.

Attributes: GE IA Communication-Language Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 142 Introduction to American Indian Literatures (3 crs)

Prerequisite: Not available for juniors or seniors.

- Credit may not be earned in both ENGL 142 and AIS 142 or if taken after ENGL 346 or AIS 346.

A study of the literatures by and about American Indians, with special attention to the cultural background.

Attributes: Cultural Diversity 3 cr., GE IVD Humanities-Literature
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 150 Introduction to Literature (3 crs)

Prerequisite: Not available for juniors or seniors.

Appreciation and analysis of great works of literature in fiction (short story and novel), poetry, and drama, through the application of a range of critical techniques.

Attributes: GE IVD Humanities-Literature, LE-K4 Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 181 Making Sense of the Movies (3-4 crs)

Prerequisite: Not available for juniors or seniors.

- *Three (3) credit offerings will meet in class for four hours per week; four (4) credit offerings will meet in class for five hours per week. Additional screening time outside of class may be required.*

An introduction to beginning concepts in film, video, and moving-image culture, including formal elements of film, genre, and time period.

Attributes: GE IVD Humanities-Literature, LE-K4 Fine Arts

ENGL 201 Advanced College Writing (3 crs)

Prerequisite: Completion of University Writing Requirement.

Further development of the principles and practices of effective writing. Emphasis on academic writing and on the development of a personal style suitable to a student's pre-professional needs.

Attributes: GE IA Communication-Language Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 210 Introduction to Texts (5 crs)

Students learn tools of interpretation—including narrative, figurative language, language and rhetoric in cultural context and intertextuality—as applied to a variety of both literary and social texts.

Attributes: GE IVD Humanities-Literature

Lecture/Discussion Hours: 5

Lab/Studio Hours: 0

ENGL 212 Histories and Theories of Rhetoric (3 crs)

Introduction to the field of rhetoric through historical, contemporary, and theoretical perspectives.

Attributes: GE IA Communication-Language Arts, LE-K3 Humanities

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 220 Introduction to Creative Writing (3 crs)

Introduction to creative writing with opportunities for the student to create and evaluate several forms of verbal art (poetry, fiction and/or nonfiction).

Attributes: GE IA Communication-Language Arts, LE-S3 Creativity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 221 Introductory English Linguistics (3 crs)

Introduction to the nature and structure of human language with an emphasis on the English language. Survey topics include phonology, morphology, syntax, semantics, pragmatics, history of the English language, regional and social dialects, language acquisition.

Attributes: GE IA Communication-Language Arts, LE-K2 Social Sciences

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 230 Survey of World/Postcolonial Literature (3 crs)

This course provides a comparative survey of literature from a minimum of four western (excluding British and North American) and non-western cultures over two or more centuries from the fourteenth century onward.

Attributes: GE IVD Humanities-Literature, LE-K3 Humanities, LE-R2 Global Perspectives

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 242 The American Indian in Literature and Film (3 crs)

- *Credit may not be earned in both ENGL 242 and AIS 242.*

A critical, cultural examination of the origins and evolution of film images of American Indians; analysis based on study and application of film techniques as well as literary and historical textual analysis.

Attributes: Cultural Diversity 3 cr., GE IVD Humanities-Literature, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

ENGL 243 American Literature to 1865 (3 crs)

A survey of literature created in America from the pre-Columbian period to the end of the Civil War.

Attributes: Cultural Diversity 1 cr., GE IVD Humanities-Literature, LE-K3 Humanities

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 244 American Literature from 1865-1945 (3 crs)

Poetry, fiction, nonfiction, drama, and folktales of the late nineteenth century and the first half of the twentieth, from Chopin, Gilman and Twain to Eliot, Faulkner, O'Neill, and Hurston.

Attributes: Cultural Diversity 1 cr., GE IVD Humanities-Literature, LE-K3 Humanities

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 245 American Literature Since 1945 (3 crs)

Poetry, fiction, nonfiction, and drama since 1945, including such authors as Miller, Lowell, Didion, and Warren.

Attributes: Cultural Diversity 1 cr., GE IVD Humanities-Literature, LE-K3 Humanities

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 252 Perspectives on Pre-1790 British Literature (3 crs)

Introductory-level study and appreciation of pre-1790 British literatures situated across a major shift of at least two literary periods (e.g., before and after the Norman Conquest, medieval and early modern theatricality or Arthurian myths).

Attributes: GE IVD Humanities-Literature, LE-K3 Humanities

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 257 Representative Shakespeare (3 crs)

Analysis of a representative group of texts (plays and verse) with attention to genre, historical contexts, or theoretical approaches. Does not duplicate English 357.

Attributes: GE IVD Humanities-Literature, LE-K3 Humanities

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 259 Perspectives on British Literature After 1790 (3 crs)

This course investigates a specific topic or group of British authors situated across a major shift of at least two literary periods (e.g., Romanticism to Victorianism) ranging from 1790 to the present.

Attributes: GE IVD Humanities-Literature, LE-K3 Humanities, LE-R2 Global Perspectives

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 268 Survey of American Ethnic Literature (3 crs)

Focuses on literary techniques/forms that represent experiences of at least one particular American ethnic group. Analyzes relationships between an ethnic culture and the dominant culture, emphasizing the intersection in literature of ethnic/dominant traditions, histories, cultural values.

Attributes: Cultural Diversity 3 cr., GE IVD Humanities-Literature, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 272 Perspectives in Popular Texts (3 crs)

• See current Class Schedule for specific theme or topic.

Perspectives on a theme, issue, topic, genre, major author, or movement in mass culture as presented in popular texts.

Attributes: GE IVD Humanities-Literature, LE-K3 Humanities

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 273 Creative and Narrative Nonfiction (3 crs)

• Credit may not be earned in both CJ 273 and ENGL 273.

Survey of nonfiction works (reportage, autobiography, travel, and nature writing) which combine factual reporting with literary techniques to reveal American society.

Attributes: LE-K4 Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 274 The Short Story (3 crs)

Analysis and discussion of ideas and literary techniques found in the short story with attention to such writers as Chekhov, Dinesen, Borges, Welty.

Attributes: GE IVD Humanities-Literature, LE-K4 Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 275 The Novel (3 crs)

Analysis and discussion of ideas and literary techniques found in the novel with attention to such writers as Austen, Hawthorne, Twain, Joyce, Dostoevsky, Woolf, Heller.

Attributes: GE IVD Humanities-Literature, LE-K4 Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 276 Poetry (3 crs)

Analysis and discussion of ideas and literary techniques found in poetry with attention to such writers as Shakespeare, Frost, Yeats, Dickinson, Whitman, Rich, Plath, Heaney.

Attributes: GE IVD Humanities-Literature, LE-K4 Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 277 Drama (3 crs)

Analysis and discussion of ideas, literary techniques, and conventions found in drama. Selections will normally range from classical to contemporary and include examples from diverse cultures.

Attributes: GE IVD Humanities-Literature, LE-K4 Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 281 Critical Perspectives on Film (3-4 crs)

- *Three (3) credit offerings will meet in class for four hours per week; four (4) credit offerings will meet in class for five hours per week. Additional screening time outside of class may be required.*

Introduction to critical perspectives on film, video, and moving image culture. Students will begin analyzing films using a variety of critical methods.

Attributes: GE IVD Humanities-Literature, LE-K3 Humanities

Grading Basis: A-F Grades Only

ENGL 284 Introduction to Theory and Criticism (3 crs)

Prerequisite: ENGL 210 (formerly 160) or concurrent enrollment.

Introduction to a range of positions concerning what, how, and why we read within English Studies. Students will develop their ability to recognize, explain, and argue for their own positions in relation to these issues.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 296 Perspectives on Women's Literature (3 crs)

- *Credit may not be earned in both ENGL 296 and WMNS 296 unless topics differ. See current Class Schedule for specific theme or topic.*

Analyzes representative texts by women. Attention given to historical and critical/theoretical questions relevant to understanding women's achievements in such areas as writing for literary fame, artistic creation, religious expression, political resistance, and economic survival.

Attributes: Cultural Diversity 1 cr., GE IVD Humanities-Literature, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 302 Teaching Writing in the Elementary and Middle School (3 crs)

Prerequisite: Limited to elementary education, middle/early adolescence majors. Completion of University Writing Requirement.

Writing intensive course focused on writing theory and pedagogy in the elementary and middle school. Students will develop their writing skills as well as learn to support writing development of children in a writing workshop.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 307 Editing and Publications Management (3 crs)

Prerequisite: Completion of University Writing Requirement.

Copyediting and substantive editing of text and art. Addresses use of style guides and stylesheets, editor/author rapport, document design, indexing, and the publication process. Flexible strategies that consider conventions, cognition, and rhetorical situation.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 310 Intermediate Poetry Writing (3 crs)

Prerequisite: Grade of B or above in ENGL 220, or consent of instructor.

The study, creation, and evaluation of poetry for the intermediate writing student.

Attributes: GE IA Communication-Language Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 311 Intermediate Fiction/Nonfiction Writing (3 crs)

Prerequisite: Grade of B or above in ENGL 220, or consent of instructor.

The study, creation, and evaluation of fiction and nonfiction for the intermediate writing student.

Attributes: GE IA Communication-Language Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 312 Topics in Rhetoric and Science (3 crs)

Prerequisite: Completion of University Writing Requirement.

Develop students' abilities to respond to rhetorical situations informed by scientific evidence and create documents that respond effectively to these situations.

Attributes: GE IA Communication-Language Arts, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 313 Topics in Rhetoric and Technology (3 crs)

Prerequisite: Completion of University Writing Requirement.

Theoretical perspectives on computers and writing, documentation and interfaces, and the impact of computers and technology on writing and language.

Attributes: GE IA Communication-Language Arts, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 314 Topics in Rhetoric and Culture (3 crs)

Prerequisite: Completion of University Writing Requirement.

Topics in rhetorical action of cultural groups. Explores relationships among rhetoric, identity, ideology, power, privilege, and social change.

Attributes: GE IA Communication-Language Arts, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 315 Visual Rhetorics of Science, Technology, and Culture (3 crs)

Prerequisite: Completion of University Writing Requirement.

Examines texts as comprised of both verbal and visual elements that work together to make meaning, create knowledge, and persuade audiences.

Attributes: GE IA Communication-Language Arts, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 319 Introduction to English Education Methods (3 crs)

Prerequisite: ES 212 or concurrent enrollment. ENGL 210 or consent of instructor. Three credits of literature at the 100- or 200-level. Limited to English teaching majors and minors. Minimum resident and total GPA of 2.75.

An introduction to the theories and methods of teaching English language arts in middle and high school classrooms.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 321 Topics in the Structure of English (3 crs)

Prerequisite: ENGL 221 or consent of instructor.

• See current Class Schedule for specific theme or topic.

Explores the inner workings of the English language. Specific course offerings will involve one or more areas of language structure: phonology, morphology, syntax, semantics, pragmatics.

Attributes: GE IA Communication-Language Arts, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 325 Topics in Language in Society (3 crs)

Prerequisite: ENGL 221 or consent of instructor.

Explores issues of language in society from a linguistic perspective. Topics may include the history of the English language, language attitudes, language change, language variation, and others.

Attributes: GE IA Communication-Language Arts, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 330 Topics in World/Postcolonial Literature (3 crs)

Prerequisite: ENGL 210 or three credits of literature at the 100 or 200 level.

A thematic analysis of issues pertaining to the study of world (excluding British and American) and/or postcolonial literatures.

Attributes: Foreign Culture, GE IVD Humanities-Literature

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 332 Women in African Literature (3 crs)

• Credit may not be earned in both ENGL 332 and WMNS 332.

Using cultural and historical perspectives, the course interprets images of women in African literature, emphasizing how the experiences of phases of colonialism have continued to transform women's images, roles, and prospects in society.

Attributes: Foreign Culture, GE IVD Humanities-Literature

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 340 Topics in American Literature to 1865 (3 crs)

Prerequisite: ENGL 210 or three credits of literature at the 100 or 200 level.

- See current Class Schedule for specific theme or topic.

This focused study of American literature may include works from the pre-European contact period through 1865. A major author, genre, theme, or movement may be the subject of this course.

Attributes: GE IVD Humanities-Literature

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 345 American Indian Autobiography (3 crs)

Prerequisite: Three credits of English Literature (GE-IVD) or one of the following: AIS 101, AIS 102, AIS 111, AIS 112, AIS 480, AIS 240/HIST 240, AIS 250/POLS 250, AIS 324/ARTH 324, AIS 325/ANTH 325, AIS 368/HIST 368, AIS 369/HIST 369 or consent of instructor

- Credit may not be earned in both ENGL 345 and AIS 345.

Explores evolving forms and political implications of the creation and production of American Indian autobiographies and collaborative personal narratives.

Attributes: Cultural Diversity 3 cr., GE IVD Humanities-Literature

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 346 Major Works in American Indian Literature (3 crs)

Prerequisite: Three credits of English Literature (GE-IVD) or one of the following: AIS 101, AIS 102, AIS 111, AIS 112, AIS 480, AIS 240/HIST 240, AIS 250/POLS 250, AIS 324/ARTH 324, AIS 325/ANTH 325, AIS 368/HIST 368, AIS 369/HIST 369 or consent of instructor

- Credit may not be earned in both ENGL 346 and AIS 346.

Major and supporting works of American Indian literature, from oral and written sources.

Attributes: Cultural Diversity 3 cr., GE IVD Humanities-Literature

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 348 Topics in American Literature: 1865 - Present (3 crs)

Prerequisite: ENGL 210 or three credits of literature at the 100 or 200 level.

- See current Class Schedule for specific theme or topic.

A focused study of American literature between the end of Civil War and the present. A major author, genre, theme, or movement related to this period may be the subject.

Attributes: GE IVD Humanities-Literature

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 351 Chaucer and His Age (3 crs)

Prerequisite: ENGL 125 or ENGL 221 or CSD 262 or foreign language competency at the 102 level, and either ENGL 210 or three credits of literature with either ENGL or FLTR prefix.

Literature and language of Geoffrey Chaucer in his literary and social context; readings from his Canterbury Tales and other writings, and from comparable works by his contemporaries and/or imitators through ca. 1450.

Attributes: GE IVD Humanities-Literature

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 352 Topics in British Literature Before 1790 (3 crs)

Prerequisite: ENGL 210 or three credits of literature at the 100 or 200 level.

- See current Class Schedule for specific theme or topic.

This course will investigate a specific literary period, topic, or group of authors in British literature before 1790.

Attributes: GE IVD Humanities-Literature

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 357 Shakespearean Topics (3 crs)

Prerequisite: Three credits of literature at the 100 or 200 level.

- See current Class Schedule for specific theme or topic.

Analysis of a selected group of plays or poems in terms of a specific thematic or theoretical topic.

Attributes: GE IVD Humanities-Literature

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 359 Topics in British Literature After 1790 (3 crs)

Prerequisite: ENGL 210 or three credits of literature at the 100 or 200 level.

- See current Class Schedule for current theme or topic.

This course will investigate a specific literary period, topic, or group of British authors within the period ranging from 1790 to the present.

Attributes: GE IVD Humanities-Literature

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 362 Studies in Transatlantic Romanticism (3 crs)

Examines Romanticism as an Anglo-American literary dialogue concerned with topics such as abolition of slavery, environmental preservation, women's rights, etc. Explores how the successes and failures of political, poetical, and industrial revolutions shaped Romantic literature.

Attributes: GE IVD Humanities-Literature

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 368 Topics in American Ethnic Literature (3 crs)

Prerequisite: ENGL 210 or three credits of literature at the 100 or 200 level.

This literature course explores the literary perspectives and cultural lives embodied by U.S. ethnic communities, particularly African American, Asian American, American Indian, and Hispanic/Latin American communities. Individual sections explore ethnic literature produced by an author, literary period, genre, or theme.

Attributes: Cultural Diversity 3 cr., GE IVD Humanities-Literature
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 372 Topics in Popular Culture (3 crs)

Prerequisite: ENGL 210 or three credits of literature at the 100 or 200 level.

Thoughtful, critical, and in-depth study of a theme, issue, topic, genre, major author, or movement in mass culture as presented in popular texts and related critical discussions.

Attributes: GE IVD Humanities-Literature
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 381 Critical Studies in Film and Culture (3-4 crs)

- Meets 5 hours per week in classroom. Additional screening time outside of class required for 4 credit offerings. See current Class Schedule for specific theme or topic.

Critical exploration of topics in film and culture. Variable focus and credits by offering. Recommended for English majors/minors and others with significant interest in film, video, and moving-image culture or in cinema and media history.

Repeat: Course may be repeated for a maximum of 8 credits

ENGL 384 Studies in Theory and Criticism (3 crs)

Prerequisite: ENGL 284

- See current Class Schedule for specific theme or topic.

Study and analysis of selected theory and/or criticism. Specific offerings under this course title will vary, focusing on author, theme, period, genre.

Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 391 Travel Seminar (1-3 crs)

- Course offered only when sufficient enrollment has been recruited, may be offered in cooperation with UW-Extension. May be used in English major or minor programs. See current Class Schedule for specific theme or topic.

Study before, during, or after travel to a region associated with a writer or writers, e.g. Thomas Hardy's Wessex. Emphasizes visits to libraries, museums, cities, countryside, and special sites associated with the literature.

Attributes: Undergraduate/Graduate Offering

ENGL 392 Major Themes in Literature (1-3 crs)

- See current Class Schedule for specific theme or topic.

The study of fiction, poetry, drama, nonfiction, and film as it illustrates a specific major theme in literature: such as "Love in Western Literature."

Attributes: GE IVD Humanities-Literature
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 1-3
Lab/Studio Hours: 0

ENGL 394 Academic Apprenticeship in English (1-3 crs)

Prerequisite: Completion of University Writing Requirement.
Consent: Department Consent Required

Qualified students, supervised by English faculty, facilitate teaching and learning in a specific course. Students will enhance their knowledge of the discipline and their ability to communicate this understanding to their peers.

Attributes: Service-Learning, Full 30 Hours
Repeat: Course may be repeated for a maximum of 4 credits
Grading Basis: S/U Only Grade Basis

ENGL 395 Directed Studies (1-3 crs)

Consent: Department Consent Required

Study of a problem or special area in language or literature.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated

ENGL 396 Studies in Women's Literature (3 crs)

- Credit may not be earned in both ENGL 396 and WMNS 396 unless topics differ. See current Class Schedule for specific theme or topic.

Study of a particular problem, genre, or literary period within that literature written by or about women, such as "Our Literary Foremothers" or "Jane Eyre's Literary Daughters."

Attributes: GE IVD Humanities-Literature
Repeat: Course may be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENGL 397 Writing Center Theory & Practice (3 crs)

Prerequisite: Grade of B or above in WRIT 114, WRIT 116, WRIT 118, or WRIT 120, or equivalent. Minimum sophomore standing.
Consent: Instructor Consent Required

Introduction to Writing Center Theory and its application to tutoring college writing in a variety of disciplines. Students tutor three hours per week in the Center for Writing Excellence. This course is open to non-majors.

Attributes: Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 1
Lab/Studio Hours: 3

ENGL 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

ENGL 409 Grant Proposal Writing (3 crs)

Prerequisite: Completion of University Writing Requirement.

Students will gain knowledge of various grant proposal forms (government, corporate, foundation), with emphasis on conceptualizing, developing, and writing proposals for real clients. Each student will complete an individual and a collaborative proposal.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 410 Creative Writing Workshop - Poetry (3 crs)

Prerequisite: ENGL 210, ENGL 310 and six credits from ENGL 245, ENGL 273, ENGL 274, ENGL 275, or ENGL 276; or consent of instructor.

- *May be repeated only with permission of the department.*

Special emphasis on class discussion and personal conferences for advanced writers of poetry.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 411 Creative Writing Workshop - Fiction (3 crs)

Prerequisite: ENGL 210, ENGL 311 and six credits from ENGL 245, ENGL 273, ENGL 274, ENGL 275, or ENGL 276; or consent of instructor.

- *May be repeated only with permission of the department.*

Special emphasis on class discussion and personal conferences for advanced writers of fiction.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 412 Seminar in Nonfiction Writing (3 crs)

Prerequisite: ENGL 210, ENGL 311, and six credits from ENGL 245, ENGL 273, ENGL 274, ENGL 275, ENGL 276; or consent of instructor.

Writing and reading nonfiction, with an emphasis on producing an essay of publishable quality for a general, literate audience.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 413 Prose Writing Workshop-Topics (3 crs)

Prerequisite: ENGL 210; six credits from ENGL 245, ENGL 273, ENGL 274, ENGL 275, or ENGL 276; and ENGL 311; or consent of instructor.

Reading and writing in one or more prose genres. Topics may include: writing for children, historical fiction, mystery, young adult.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 415 Seminar in Science and Nature Writing (3 crs)

Prerequisite: ENGL 210; six credits of literature; and either ENGL 305, ENGL 310, or ENGL 311; or consent of instructor.

Explores literary science and nature writing; students create and workshop their own short essays, with an emphasis on producing a longer publishable piece on science, medicine, or natural history.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 419 Seminar in English Education Methods (3 crs)

Prerequisite: ENGL 319. Limited to English teaching majors and minors admitted to the College of Education and Human Sciences.

Seminar focused on constructivist theories of literacy teaching and the application of those theories in middle and high school classrooms.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 421 Seminar in Linguistic Research (3 crs)

Prerequisite: ENGL 221 or consent of instructor.

- *See current Class Schedule for specific theme or topic.*

Theory and practice of linguistic research, on a general theme designated by the instructor. Students design and carry out research projects, choosing language problems and research methodology suggested by the theme.

Attributes: LE-I1 Integration, LE-S3 Creativity, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 430 Seminar in World/Postcolonial Literature (3 crs)

Prerequisite: ENGL 210, ENGL 221, ENGL 284; and six credits of literature.

- *See current Class Schedule for specific theme or topic.*

In-depth study of specialized topics in world/postcolonial literature such as Postcolonial Feminism or Magic Realism in the Latin American Novel.

Attributes: Foreign Culture, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 440 Seminar in American Literature Before 1865 (3 crs)

Prerequisite: ENGL 210, ENGL 221, ENGL 284; and six credits of literature.

• See current Class Schedule for specific theme or topic.

Advanced study of specialized topics in American literature before 1865, including theoretical (e.g., Racial Pseudoscience in the American Novel), generic (e.g., The Antebellum Romance), and special themes (e.g., The Transcendentalists and Social Reform).

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 448 Seminar in American Literature Since 1865 (3 crs)

Prerequisite: ENGL 210, ENGL 221, ENGL 284; and six credits of literature.

• See current Class Schedule for specific theme or topic.

Advanced study of selected topics in American literature since 1865, including genres or subgenres, theoretical perspectives, ethnic emphases, special themes, and paired or individual authors.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 452 Seminar in Early British Literature (3 crs)

Prerequisite: ENGL 210, ENGL 221, ENGL 284; and six credits of literature.

• See current Class Schedule for specific theme or topic.

In-depth exploration of selected topics in British Literature before 1790, including theoretical (e.g., Feminism and Medieval Literature), generic (e.g., Medieval Drama, Early Modern Poetry, Romance), and special themes (e.g., Death in Early British Literature).

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 455 Seminar in Rhetorics of Science, Technology, and Culture (3 crs)

Prerequisite: ENGL 210 and at least six credits from the following: ENGL 305, ENGL 307, ENGL 308, ENGL 312, ENGL 313, ENGL 314, ENGL 315, ENGL 355, ENGL 409, ENGL 415, ENGL 498; or consent of instructor.

• See current Class Schedule for specific theme or topic.

Course provides capstone experience in theory and praxis of rhetorics in science, technology, and/or culture. Content of individual course iterations will vary depending on instructor expertise/interests, but will balance rhetorical analysis with textual production.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 459 Seminar in British Literature After 1790 (3 crs)

Prerequisite: ENGL 210, ENGL 221, ENGL 284; and six credits of literature.

• See current Class Schedule for specific theme or topic.

Advanced study of specialized topics in British literature after 1790, including theoretical (e.g., intersection of Feminism and British Modernism), generic (e.g., Romantic Poetry, Modern Drama, Postmodern Novel), special themes (e.g., Booker Novels), and author studies (e.g., Dickens and Collins).

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 468 Seminar in American Ethnic Literature (3 crs)

Prerequisite: ENGL 210, ENGL 221, ENGL 284; and six credits of literature.

• See current Class Schedule for specific theme or topic.

Advanced study of topics and texts authored by American Ethnic writers. Topics may include theoretical, political, aesthetic, and cultural issues reflecting the historical and cultural forces that have shaped the literary production of authors from a particular American ethnic tradition.

Attributes: Cultural Diversity 3 cr., Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 480 English Capstone (1-3 crs)

Prerequisite: Completion of 29 credits (including ENGL 210, ENGL 221, ENGL 284, and a 400-level seminar) toward the English major. For those electing the one-credit option, an ENGL 400-level seminar must be taken concurrently.

Consent: Department Consent Required

Students elect either a one-credit Capstone course coincident with a 400-level seminar, completing a combined "senior thesis" project; or a three-credit Capstone course, completing the senior project independent of any specific seminar.

Attributes: Capstone Course

ENGL 481 Seminar in Film, Video, and Moving-Image Culture (3-4 crs)

Prerequisite: ENGL 210, ENGL 221, ENGL 284 and a minimum of six credits of literature at the 200 level or above, or consent of instructor.

• Meets 5 hours per week in classroom. Four credit offerings require additional screening time outside of class.

Advanced explorations in film, video, and moving-image culture studies. Variable focus and credits by offering. Seminar topics will often include significant engagement with work in various forms of critical theory.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 8 credits

Grading Basis: A-F Grades Only

ENGL 484 Seminar in Critical Theory (3 crs)

Prerequisite: ENGL 210, ENGL 221, ENGL 284; and six credits of literature.

- See current Class Schedule for specific theme or topic. Others may enroll with the instructor's permission.

In-depth exploration of topics in Critical Theory, including schools (e.g., Feminist Theory), periods (e.g., 20th Century Theory), figures (e.g., Foucauldian Theory), and special themes (e.g., Theorizing Music).

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 496 Seminar in Women's Literature (3 crs)

Prerequisite: ENGL 210, ENGL 221, ENGL 284; and six credits of literature.

- See current Class Schedule for specific theme or topic.

Advanced study of specialized topics in literature authored by women--e.g., theory (Womanist Writings and Readings), period (Women's WWI Fiction), genre (Feminism in Science Fiction), or theme (Woman's Work: Gender and Class Before 1790).

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 497 Honors Independent Study (1-3 crs)

Prerequisite: ENGL 210, ENGL 221, ENGL 284. At least six credits of English coursework at the 400-level. Minimum senior standing. Minimum resident and total GPA of 3.50. Limited to English majors

Consent: Department Consent Required

- Must be admitted and in good standing in the English Department Honors Program with an English GPA of 3.50 or higher.

Intensive study of a topic resulting in an honors quality scholarly, creative, or other type of project appropriate to English majors fulfilling the English Departmental Honors option.

Repeat: Course may be repeated for a maximum of 3 credits

Grading Basis: A-F Grades Only

ENGL 498 Internship in Writing (1-3 crs)

Prerequisite: Open to English majors and minors only.

Consent: Instructor Consent Required

- Five hours of work experience per week per credit.

Experience in a professional organization working as a technical writer, editor, etc. Work will build on and relate to writing skills developed in other courses in writing.

Attributes: Service-Learning, Full 30 Hours, Internship

Repeat: Course may be repeated for a maximum of 6 credits

ENGL 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

ENGL 502 Teaching Writing in the Elementary and Middle School (3 crs)

- Cross-listed with ENGL 302. Credit may not be earned in both courses.

Writing intensive course focused on writing theory and pedagogy in the elementary and middle school. Students will develop their writing skills as well as learn to support writing development of children in a writing workshop.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 507 Editing and Publications Management (3 crs)

Consent: Instructor Consent Required

- Cross-listed with ENGL 307. Credit may not be earned in both courses.

Copyediting and substantive editing of text and art. Addresses use of style guides and stylesheets, editor/author rapport, document design, indexing, and the publication process. Flexible strategies that consider conventions, cognition, and rhetorical situation.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 512 Topics in Rhetoric and Science (3 crs)

- Cross-listed with ENGL 312. See current Class Schedule for specific theme or topic.

Develop students' abilities to respond to rhetorical situations informed by scientific evidence and create documents that respond effectively to these situations.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 513 Topics in Rhetoric and Technology (3 crs)

- Cross-listed with ENGL 313. See current Class Schedule for specific theme or topic.

Theoretical perspectives on computers and writing, documentation and interfaces, and the impact of computers and technology on writing and language.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 514 Topics in Rhetoric and Culture (3 crs)

- Cross-listed with ENGL 314. See current Class Schedule for specific theme or topic.

Topics in rhetorical action of cultural groups. Explores relationships among rhetoric, identity, ideology, power, privilege, and social change.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 515 Visual Rhetorics of Science, Technology, and Culture (3 crs)

- Cross-listed with ENGL 315. See current Class Schedule for specific theme or topic.

Examines texts as comprised of both verbal and visual elements that work together to make meaning, create knowledge, and persuade audiences.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 521 Topics in the Structure of English (3 crs)

Consent: Instructor Consent Required

- Cross-listed with ENGL 321. See current Class Schedule for specific theme or topic.

Explores the inner workings of the English language. Specific course offerings will involve one or more areas of language structure: phonology, morphology, syntax, semantics, pragmatics.

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 525 Topics in Language in Society (3 crs)

- Cross-listed with ENGL 325. See current Class Schedule for specific theme or topic.

Explores issues of language in society from a linguistic perspective. Topics may include the history of the English language, language attitudes, language change, language variation, and others.

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 591 Travel Seminar (1-3 crs)

- Cross-listed with ENGL 391. See current Class Schedule for specific theme or topic. Course offered only when sufficient enrollment has been recruited, may be offered in cooperation with UW-Extension.

Study before, during, or after travel to a region associated with a writer or writers, e.g. Thomas Hardy's Wessex. Emphasizes visits to libraries, museums, cities, countryside, and special sites associated with the literature.

Grading Basis: No S/U Grade Option

ENGL 595 Directed Studies (1-3 crs)

Consent: Department Consent Required

- Cross-listed with ENGL 395. The English graduate program may include no more than three semester credits of either independent or directed study courses. Independent and directed study courses must be approved in advance by the English Graduate Director.

Study of a problem or special area in language or literature.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

ENGL 597 Writing Center Theory & Practice (3 crs)

Consent: Instructor Consent Required

- Cross-listed with ENGL 397. Credit may not be earned in both courses

Introduction to Writing Center Theory and its application to tutoring college writing in a variety of disciplines. Students tutor three hours per week in the Center for Writing Excellence. This course is open to non-majors.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

ENGL 609 Grant Proposal Writing (3 crs)

Consent: Instructor Consent Required

- Cross-listed with ENGL 409. Credit may not be earned in both courses.

Students will gain knowledge of various grant proposal forms (government, corporate, foundation), with emphasis on conceptualizing, developing, and writing proposals for real clients. Each student will complete an individual and a collaborative proposal.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 610 Creative Writing Workshop - Poetry (3 crs)

Consent: Instructor Consent Required

- Cross-listed with ENGL 410. May be repeated only with permission of the instructor.

Special emphasis on class discussion and personal conferences for advanced writers of poetry.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 611 Creative Writing Workshop - Fiction (3 crs)

Consent: Instructor Consent Required

- *Cross-listed with ENGL 411. May be repeated only with permission of the instructor.*

Special emphasis on class discussion and personal conferences for advanced writers of fiction.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 612 Seminar in Nonfiction Writing (3 crs)

Consent: Instructor Consent Required

- *Cross-listed with ENGL 412.*

Writing and reading nonfiction, with an emphasis on producing an essay of publishable quality for a general, literate audience.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 613 Prose Writing Workshop-Topics (3 crs)

Consent: Instructor Consent Required

- *Cross-listed with ENGL 413.*

Reading and writing in one or more prose genres. Topics may include: writing for children, historical fiction, mystery, young adult.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 615 Seminar in Science and Nature Writing (3 crs)

Consent: Instructor Consent Required

- *Cross-listed with ENGL 415. Credit may not be earned in both courses.*

Explores literary science and nature writing; students create and workshop their own short essays, with an emphasis on producing a longer publishable piece on science, medicine, or natural history.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 621 Seminar in Linguistic Research (3 crs)

Consent: Instructor Consent Required

- *Cross-listed with ENGL 421. See current Class Schedule for specific theme or topic.*

Theory and practice of linguistic research, on a general theme designated by the instructor. Students design and carry out research projects, choosing language problems and research methodology suggested by the theme.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 630 Seminar in World/Postcolonial Literature (3 crs)

- *Cross-listed with ENGL 430. Requires six credits of literature prior to enrollment in this course. See current Class Schedule for specific theme or topic.*

In-depth study of specialized topics in world/postcolonial literature such as Postcolonial Feminism or Magic Realism in the Latin American Novel.

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 640 Seminar in American Literature Before 1865 (3 crs)

- *Cross-listed with ENGL 440. Requires six credits of literature prior to enrollment in this course. See current Class Schedule for specific theme or topic.*

Advanced study of specialized topics in American literature before 1865, including theoretical (e.g., Racial Pseudoscience in the American Novel), generic (e.g., The Antebellum Romance), and special themes (e.g., The Transcendentalists and Social Reform).

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 648 Seminar in American Literature Since 1865 (3 crs)

- *Cross-listed with ENGL 448. Requires six credits of literature prior to enrollment in this course. See current Class Schedule for specific theme or topic.*

Advanced study of selected topics in American literature since 1865, including genres or subgenres, theoretical perspectives, ethnic emphases, special themes, and paired or individual authors.

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 652 Seminar in Early British Literature (3 crs)

- Cross-listed with ENGL 452. Requires six credits of literature prior to enrollment in this course. See current Class Schedule for specific theme or topic.

In-depth exploration of selected topics in British Literature before 1790, including theoretical (Feminism and Medieval Literature), generic (Medieval Drama, Early Modern Poetry, Romance), and special themes (Death in Early British Literature).

Repeat: Course may be repeated for a maximum of 6 credits
 Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

ENGL 655 Seminar in Rhetorics of Science, Technology, and Culture (3 crs)

Consent: Instructor Consent Required

- Cross-listed with ENGL 455. Credit may not be earned in both courses. See current Class Schedule for specific theme or topic.

Course provides capstone experience in theory and praxis of rhetorics in science, technology, and/or culture. Content of individual course iterations will vary depending on instructor expertise/interests, but will balance rhetorical analysis with textual production.

Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

ENGL 659 Seminar in British Literature After 1790 (3 crs)

Consent: Instructor Consent Required

- Cross-listed with ENGL 459. Requires six credits of literature prior to enrollment in this course. See current Class Schedule for specific theme or topic.

Advanced study of specialized topics in British literature after 1790, including theoretical (e.g., intersection of Feminism and British Modernism), generic (e.g., Romantic Poetry, Modern Drama, Postmodern Novel), special themes (e.g., Booker Novels), and author studies (e.g., Dickens and Collins).

Repeat: Course may be repeated for a maximum of 9 credits
 Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

ENGL 668 Seminar in American Ethnic Literature (3 crs)

- Cross-listed with ENGL 468. Requires six credits of literature prior to enrollment in this course. See current Class Schedule for specific theme or topic.

Advanced study of topics and texts authored by American Ethnic writers. Topics may include theoretical, political, aesthetic, and cultural issues reflecting the historical and cultural forces that have shaped the literary production of authors from a particular American ethnic tradition.

Repeat: Course may be repeated for a maximum of 9 credits
 Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

ENGL 681 Seminar in Film, Video, and Moving-Image Culture (3-4 crs)

Consent: Instructor Consent Required

- Meets 5 hours per week in classroom. Four credit offerings require additional screening time outside of class. Cross-listed with ENGL 481.

Advanced explorations in film, video, and moving-image culture studies. Variable focus and credits by offering. Seminar topics will often include significant engagement with work in various forms of critical theory.

Repeat: Course may be repeated for a maximum of 8 credits
 Grading Basis: A-F Grades Only

ENGL 684 Seminar in Critical Theory (3 crs)

- Cross-listed with ENGL 484. Requires six credits of literature prior to enrollment in this course. See current Class Schedule for specific theme or topic. Others may enroll with the instructor's permission.

In-depth exploration of topics in Critical Theory, including schools (e.g., Feminist Theory), periods (e.g., 20th Century Theory), figures (e.g., Foucauldian Theory), and special themes (e.g., Theorizing Music).

Repeat: Course may be repeated for a maximum of 6 credits
 Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

ENGL 696 Seminar in Women's Literature (3 crs)

- Cross-listed with ENGL 496. Requires six credits of literature prior to enrollment in this course. See current Class Schedule for specific theme or topic.

Advanced study of specialized topics in literature authored by women—e.g., theory (Womanist Writings and Readings), period (Women's WWI Fiction), genre (Feminism in Science Fiction), or theme (Woman's Work: Gender and Class Before 1790).

Repeat: Course may be repeated for a maximum of 6 credits
 Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

ENGL 711 Critical Thinking, Reading, and Writing (3 crs)

- Admission to program or consent of graduate instructor.

Introduction to graduate level critical reading and writing, stressing the development of insightful analysis and critical voice supported by an understanding of a variety of critical approaches and research methodologies.

Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

ENGL 715 Critical Theory and English Studies (3 crs)

Prerequisite: ENGL 711 or consent of instructor.

Seminar examining the function of critical theory in studies of literature, language, and culture, focusing on the place of English Studies within the culture and the relations between critical theory and the disciplines of English.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 721 Studies in Writing, Language, or Pedagogy (3 crs)

Prerequisite: ENGL 711 or concurrent enrollment, or consent of instructor.

- See current Class Schedule for specific theme or topic.

Seminar examining topics of importance in writing, language, or pedagogy (e.g., Approaches to Teaching English, Social Forces and Linguistic Change, or The Nature of Composition Studies: Historical, Institutional, Cultural Forces).

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 723 Story Writing Seminar (3 crs)

Prerequisite: ENGL 611 or consent of instructor.

The study, creation, workshop evaluation and revision of stories.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 724 Poetry Writing Seminar (3 crs)

Prerequisite: ENGL 610, or consent of instructor

The study, creation, workshop evaluation and revision of poems.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lab/Studio Hours: 0

Seminar Hours: 3

ENGL 727 Studies in Scientific and Technical Communication (3 crs)

Theory and research on scientific and technical communication. Emphasis on the role of current theory and research in informing best practices in textual and graphic documentation.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 733 Studies in World/Postcolonial Literature (3 crs)

Prerequisite: ENGL 711 or concurrent enrollment, or consent of instructor.

- See current Class Schedule for specific theme or topic.

Theoretically focused seminar on a particular theme, genre, or historical period from a geographical region other than Great Britain or North America (e.g., the European Novel, Literature of the African Diaspora, or Postcolonial Fiction).

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 743 Studies in North American Literature (3 crs)

Prerequisite: ENGL 711 or concurrent enrollment, or consent of instructor.

- See current Class Schedule for specific theme or topic.

Theoretically focused seminar on a particular ethnic group, race, culture, or historical period in North America (e.g. Native Voices in American Literature, African American Writing 1830-1900, or American Poetry: Whitman to Frost).

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 753 Studies in British and Irish Literature (3 crs)

Prerequisite: ENGL 711 or concurrent enrollment, or consent of instructor.

- See current Class Schedule for specific theme or topic.

Theoretically focused seminar on a particular region, group, or period in Great Britain (e.g. British Women Writers--seventeenth and eighteenth century, Kailyard School of Scottish Fiction, Exile and the Irish Writer, or twentieth century British Poetry).

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 769 Studies in Figures and Groups (3 crs)

Prerequisite: ENGL 711 or concurrent enrollment, or consent of instructor.

- See current Class Schedule for specific theme or topic.

Theoretically focused seminar on a particular figure or literary group, including investigation of philosophical and political background, cultural milieu, literary influences, and critical reception (e.g. Shakespeare, Alice Walker, Thomas Pynchon, the Beats, or the Brontes).

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 779 Studies in Themes and Genres (3 crs)

Prerequisite: ENGL 711 or concurrent enrollment, or consent of instructor.

- See current Class Schedule for specific theme or topic.

Theoretically focused seminar on a particular theme or genre that extends beyond geographical boundaries and traditional literary periods (e.g., Evolution of the Novel, Nineteenth Century Gothicism, Autobiography in Western Literature, or Our Literary Foremothers).

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENGL 789 Studies in Theory and Culture (3 crs)

Prerequisite: ENGL 711 or concurrent enrollment, or consent of instructor.

- See current Class Schedule for specific theme or topic.

Seminar exploring theoretical issues, historical or contemporary, with emphasis on critical application and implication (e.g. Cultural Studies Theory, Literary Post- Modernism, Theories of Degeneration in the British Novel, Film Noir, or Cultural Perspectives on Literacy).

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

ENGL 794 Graduate Apprenticeship: Teaching Theory and Practice (3 crs)

Prerequisite: Fifteen credits of graduate coursework

Consent: Instructor Consent Required

- Permission required by Faculty Supervisor and Graduate Program Director

Students will gain college classroom teaching preparation and experience under the supervision of a graduate faculty member teaching an undergraduate course. In addition, students will read within a select bibliography of texts on pedagogy.

Grading Basis: No S/U Grade Option

ENGL 796 Directed Studies (1-3 crs)

Permits a group of students to investigate a common topic under the direction of a department faculty member.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

ENGL 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

ENGL 799 Thesis (1-6 crs)

Consent: Department Consent Required

- Full-time equivalent.

A description of acceptable topics and the precise nature of the thesis requirement is provided in the departmental program descriptions.

Repeat: Course may be repeated

Grading Basis: PR Only Grade Basis

English As Second Language (ESL)

ESL 101 Integrated English Language Skills for Non-Native Speakers I (6 crs)

Consent: Department Consent Required

- Only open to non-native speakers of English.

This beginning level multi-skill ESL course is designed to cover the four skills of listening, speaking, reading, and writing, while giving systematic attention to grammar, pronunciation, and vocabulary.

Seminar Hours: 6

ESL 125 Cross-Culture Talk for ESL Students (3 crs)

- Only open to non-native speakers of English.

This course focuses on small group discussion with emphasis on social and academic situations applicable to the university environment.

Repeat: Course may be repeated for a maximum of 6 credits

Seminar Hours: 3

ESL 135 Focus on Reading and Writing (6 crs)

- Only open to non-native speakers of English.

This course, which focuses on the processes of reading and writing, will develop the basic reading and writing skills of non-native speakers of English.

Repeat: Course may be repeated for a maximum of 12 credits

Seminar Hours: 6

ESL 140 Beginning Pronunciation (3 crs)

- Only open to non-native speakers of English.

This course will improve students' ability to hear, identify and clearly articulate the most important sounds and basic stresses and rhythms of American English. Listening skills, oral skills and the ability to clearly communicate simple messages will be enhanced.

Repeat: Course may be repeated for a maximum of 6 credits

Seminar Hours: 3

ESL 150 Exploring Regional Culture and History for ESL Learners (3 crs)

- Only open to non-native speakers of English.

This course is designed to use English language skills to introduce students to life in Wisconsin from yesterday to today.

Attributes: Field Trip(s) Required

Repeat: Course may be repeated for a maximum of 6 credits

Seminar Hours: 3

ESL 191 Beginning Special Topics for ESL Learners (3 crs)

- Only open to non-native speakers of English.

In-depth study of a special area in the learning of English as a Second Language for high-beginner or intermediate level English language learners only. Topics are specified in the Class Schedule.

Repeat: Course may be repeated for a maximum of 6 credits

Seminar Hours: 3

ESL 201 Integrated English Language Skills for Non-Native Speakers II (6 crs)

Consent: Department Consent Required

- Only open to non-native speakers of English.

This intermediate level multi-skill ESL course is designed to improve listening, speaking, reading, and writing skills as well as grammar, pronunciation, and vocabulary while preparing students for academic learning.

Seminar Hours: 6

ESL 205 Introduction to Academic Reading and Writing (6 crs)

- Only open to non-native speakers of English.

This course, which focuses on the processes of reading and writing, will develop the academic writing skills of non-native speakers of English.

Repeat: Course may be repeated for a maximum of 12 credits

Seminar Hours: 6

ESL 215 The Pronunciation of American English (3 crs)

- Only open to non-native speakers of English.

Designed for non-native speakers of English. To promote clear pronunciation for effective communication with a focus on comprehensibility to appropriate native-like target pronunciation. This course teaches ESL learners to hear, identify, and clearly articulate the sounds and patterns in spoken English.

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ESL 260 Oral Presentation Skills for Non-Native Speakers of English (3 crs)

- Only open to non-native speakers of English. Field trip(s) optional.

This course is intended to equip ESL students with the pragmatic and linguistic tools necessary to communicate more effectively in English. The course is designed to provide them with meaningful oral communication practice and speaking solutions toward the improvement of interaction, presentation, and pronunciation skills.

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ESL 275 Global Current Events Through News Media (2 crs)

- Only open to non-native speakers of English.

This course is designed for ESL students to improve listening, speaking, reading, writing, and vocabulary skills. Using a variety of news media, students will be required to read, research, and write about global current events.

Repeat: Course may be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ESL 285 Advanced Listening and Notetaking Skills (2 crs)

- Only open to non-native speakers of English.

Prepares advanced-level ESL students for the demands of academic lecture comprehension and notetaking. Students will develop the ability to understand lectures and to take organized and comprehensible notes in academic content lessons.

Repeat: Course may be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ESL 291 Special Topics for ESL Learners (1-3 crs)

- Only open to non-native speakers of English. Field trip(s) optional. See current Class Schedule for specific topic.

In-depth study of a special area in the learning of English as a Second Language.

Repeat: Course may be repeated for a maximum of 6 credits

ESL 301 Integrated English Language Skills for Non-Native Speakers III (6 crs)

Consent: Department Consent Required

- Only open to non-native speakers of English.

This advanced level multi-skill ESL course is designed to improve listening, speaking, reading, writing, and grammar skills while preparing students for further academic work or a career using English.

Seminar Hours: 6

ESL 305 Advanced Academic Writing (6 crs)

- Only open to non-native speakers of English.

This advanced-level course which focuses on the processes of reading and writing will prepare non-native speakers of English for success in academic writing in University-level courses.

Repeat: Course may be repeated for a maximum of 12 credits

Grading Basis: A-F Grades Only

Seminar Hours: 6

ESL 310 Multicultural Literature for Non-Native Speakers of English (3 crs)

- Only open to non-native speakers of English.

Designed to develop analytical and critical thinking skills through the study of multicultural literature.

Attributes: Cultural Diversity 3 cr.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ESL 315 Advanced Pronunciation (3 crs)

- Only open to non-native speakers of English.

This course will improve students' ability to hear, identify and clearly articulate the sounds, stress patterns, intonation and rhythm of American English.

Listening skills, oral skills, and clear communication with native speakers will be improved.

Repeat: Course may be repeated for a maximum of 6 credits

Seminar Hours: 3

ESL 320 Business English for Non-Native Speakers (3 crs)

- For advanced levels of English proficiency only. Field trip(s) optional.

Designed for non-native English speaking students. Intended to equip English language learners with the English writing, speaking, and listening skills necessary to communicate effectively on the job while building learners' English vocabulary for the business discourse domain.

Lab/Studio Hours: 0

Seminar Hours: 3

ESL 360 US Culture and Institutions for ESL Students (3 crs)

- Only open to non-native speakers of English.

This advanced-level language proficiency course is designed for ESL students to improve listening, speaking, reading, and writing skills while providing an introduction to the institutions and cultures of the U.S.A. and the implications these have on how Americans think and behave both nationally and internationally.

Attributes: GE IA Communication-Language Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ESL 391 Professional English Advanced Special Topics for ESL Learners (1-3 crs)

- For non-native English speakers only.

In-depth study of a special area in the learning of English as a Second Language. This special topics course is for advanced level English language learners only. Topics specified in the Class Schedule.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

Environmental Public Health (ENPH)

ENPH 110 Introduction to Environmental Health (3 crs)

- A basic understanding and interest in science is recommended prior to enrollment in this course. Wellness for one credit.

Health-oriented problems in the environment with attention directed to air and water pollution, solid waste, housing, occupational health and safety, food sanitation, animal zoonoses, ecology of health and disease, radiological health, energy, and global environmental health.

Attributes: Wellness Theory, GE IIF Natural Science-Interdisciplinary Studies

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENPH 115 Global Environmental and Public Health (3 crs)

Explores endemic and emerging health issues affecting global populations. Aims to familiarize students with adverse health outcomes associated with global socio-economic disparities.

Attributes: GE IIIG Social Science-Interdisciplinary Study, LE-K2 Social Sciences, LE-R2 Global Perspectives

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENPH 150 Disease Detectives: Epidemics and Data (3 crs)

Prerequisite: MATH 20 or Placement in MATH 104 or above. No credit if taken after ENPH 450.

Introduction to disease outbreak investigation. Epidemiology as a scientific way of thinking using non-intensive mathematics including examples from current events.

Attributes: GE IIF Natural Science-Interdisciplinary Studies, LE-K1 Natural Sciences, LE-R3 Civic and Environmental Issues

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENPH 215 Public Health Programs (3 crs)

Prerequisite: ENPH 110

Voluntary and involuntary health programs on the local, state, federal, and world level. Emphasis given to environmental health programs and their incorporation into the total health system.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENPH 225 Introduction to Public Health (3 crs)

- *Wellness for one credit. Credit may not be earned in both ENPH 225 and NRS 225.*

Examines population health and disease considering historical and current public health practice. Focus areas include cultural, political, environmental, and socio-economic influences that increase population vulnerability and risk. Effectiveness of public health interventions is analyzed.

Attributes: Wellness Theory, Cultural Diversity 1 cr., GE V University Wide

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENPH 291 Special Topics (1-3 crs)

Consent: Instructor Consent Required

A variable content course consisting of topics of special interest to students and faculty that are not covered in other environmental health courses.

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 1-3

Lab/Studio Hours: 0

ENPH 322 Radiological Health (3 crs)

Prerequisite: PHYS 211 and PHYS 212

Provides an overview of the types of radiation, sources, measurement and control of ionizing and nonionizing radiation, medical uses, protection from exposure, and current topics such as food irradiation, and nuclear power and weapons.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENPH 399 Independent Study (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

An opportunity for junior students to peruse an environmental topic of their choice. A detailed project report will be required.

Repeat: Course may be repeated

Grading Basis: S/U Only Grade Basis

ENPH 432 Preparation for Practicum (2 crs)

Prerequisite: Limited to environmental public health majors. Minimum junior standing.

An interactive course covering expectations during practicum, presentations on various areas of environmental health practice, opportunities for shadowing, preparation of resumes, practice interviewing.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ENPH 435 Practicum in Environmental Public Health (2-4 crs)

Prerequisite: ENPH 432. Minimum junior standing.

Consent: Instructor Consent Required

A full-time supervised 10-week internship experience in an approved governmental agency, industry, or consulting company.

Attributes: Service-Learning, Full 30 Hours

Repeat: Course may be repeated for a maximum of 8 credits

Lecture/Discussion Hours: 2-4

Lab/Studio Hours: 0

ENPH 441 Water and Wastewater (3 crs)

Prerequisite: ENPH 110; BIOL 111 or BIOL 151; and CHEM 104 or CHEM 115 or consent of instructor.

Investigative procedures, sampling techniques, analysis and treatment of water and wastewater. Emphasis on water pollution, aquatic nuisances, drinking water quality, on-site waste disposal, municipal and industrial wastewater treatment, private wells, and groundwater contamination.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

ENPH 443 Microbial Safety of Food (4 crs)

Prerequisite: BIOL 250, BIOL 306, or BIOL 361 or concurrent registration in any of these three courses. No credit if taken after ENPH 442.

Principles of food microbiology including common foodborne pathogens, strategies to protect the food supply, environmental sanitation, regulations, and HACCP. Environmental sampling of food and milk, common laboratory tests.

Attributes: Field Trip(s) Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

ENPH 445 Hazardous and Solid Waste Management (3 crs)

Examination of the generation, use, handling, and storage of solid waste, and of materials posing significant chemical, biological, and radiological risks to health. Several field trips will supplement in-class learning.

Attributes: Field Trip(s) Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENPH 450 Epidemiology (3 crs)

Prerequisite: MATH 245 or MATH 246 or PSYC 265

Fundamentals of epidemiology including measures of morbidity and mortality, descriptive epidemiology, and principles of epidemiologic study design. Selected topics related to infectious disease, chronic disease, and environmental epidemiology are included.

Attributes: GE V University Wide

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENPH 460 Fundamentals of Industrial Hygiene (3 crs)

Prerequisite: ENPH 110 and MATH 246.

The recognition, evaluation, and control of chemical, physical, biological and ergonomic stresses that may cause sickness or impaired health to employees or residents of the community.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENPH 464 Occupational Safety Management (3 crs)

- Access to computer with Internet access, some familiarity with Internet use, some familiarity with workplace safety issues. No credit if taken after ENPH 495 the spring of 2001.

Recognition and control of safety hazards in various workplaces, basic safety theory, applicable health and safety regulations, and ethical obligations. Behavioral change techniques. Opportunity for students to research specific workplace settings and issues.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENPH 475 Pest Control Management (3 crs)

Prerequisite: BIOL 111 or BIOL 151, or consent of instructor.

The biology and control of rodents, household and stored food insects, insect vectors, birds, and other vertebrates of concern to public health and industry. Special emphasis placed on pesticides and their proper usage in control techniques.

Attributes: Field Trip(s) Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

ENPH 476 Vector-Borne Disease Control (3 crs)

Prerequisite: BIOL 151, BIOL 214, BIOL 221, BIOL 250, or consent of instructor.

Vector-borne disease health effects, identification of vectors and pests, and approaches for preventing vector-borne disease globally, nationally and regionally.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENPH 480 Environmental Law (3 crs)

An introduction to the system of laws associated with environmental protection in light of human health, technological, and ecological concerns. Federal regulations including CAA, CWA, RCRA, SDWA, and TSCA are discussed.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENPH 490 Environmental Toxicology and Risk Assessment (3 crs)

Prerequisite: BIOL 111, ENPH 110, CHEM 325 or consent of instructor.

Examination of the principles, theories, and applications of human environmental toxicology through investigation of chemical, cellular, physiological, environmental, and ecological levels. Introduction to contemporary health risk assessment methods.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENPH 491 Special Topics (1-3 crs)

Consent: Instructor Consent Required

A variable content course consisting of advanced topics of special interest to students and faculty that are not covered in other environmental health courses.

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 1-3

Lab/Studio Hours: 0

ENPH 495 Directed Studies (1-3 crs)

Consent: Department Consent Required

Permits the student to pursue a defined organized study of a problem in an intensive way under the direction of a department of public health professions staff member.

Repeat: Course may be repeated

ENPH 499 Independent Study (1-3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

An opportunity for senior students to pursue an environmental topic of their choice. A detailed project report will be required.

Repeat: Course may be repeated

Environmental Studies (ENV)

ENV 140 Water Problems, Water Solutions (3 crs)

This course introduces students to the political, social, and environmental challenges of water use and management in the United States and worldwide.

Attributes: GE IIIG Social Science-Interdisciplinary Study, LE-K2 Social Sciences, LE-R3 Civic and Environmental Issues, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENV 291 Special Topics - Environmental Studies (1-3 crs)

A variable content course designed to allow a breadth of exposure to topics in environmental and/or sustainability studies selected because of special interest on the part of students or faculty. May include field trips.

Repeat: Course may be repeated for a maximum of 6 credits

ENV 310 Sustainable Cities (3 crs)

Using Portland, Oregon, as a case study, the course will explore sustainable cities from the perspective of health, the environment, and social cohesion.

Attributes: GE IIIG Social Science-Interdisciplinary Study, LE-K2 Social Sciences, LE-R3 Civic and Environmental Issues, Service-Learning, Half 15 Hours, Field Trip(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENV 330 Waste & Society: Energy, Food, and Efficiency (3 crs)

Examines a feature of the environment often overlooked: waste. Students will draw on literature, sociology, history, and political science to understand the place of waste in the contemporary world.

Attributes: GE IIIG Social Science-Interdisciplinary Study, LE-R3 Civic and Environmental Issues, Service-Learning, Half 15 Hours, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENV 346 American Environmental History (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

• *Credit may not be earned in both ENV 346 and HIST 346. No credit if taken after HIST 491 when offered as American Environmental History.*

Examines interactions between human societies and the natural world in what is now the United States. Through readings and several field trips students will learn the essential elements of American Environmental History.

Attributes: GE IV Humanities, LE-K3 Humanities, Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required
Lab/Studio Hours: 0
Seminar Hours: 3

ENV 377 U.S. Environmental and Sustainability Policy (3 crs)

• *Credit may not be earned in both ENV 377 and GEOG 377.*

Students will study U.S. environmental and sustainability law and policy to assess the roles of science, key actors, and values in policymaking.

Attributes: GE IIIG Social Science-Interdisciplinary Study, LE-K2 Social Sciences, LE-R3 Civic and Environmental Issues, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENV 378 International Environmental Problems and Policy (3 crs)

• *Credit may not be earned in both GEOG 378 and ENV 378.*

Examination of the threats to the global environment and the response of the international community.

Attributes: Foreign Culture, GE IIIC Social Science-Geography
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

ENV 395 Directed Studies (1-3 crs)

Consent: Department Consent Required

For the student who wishes to pursue a defined, organized study of an interdisciplinary environmental studies topic under the direction of a faculty member.

Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

ENV 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing.
Consent: Department Consent Required

An opportunity for students to pursue an interdisciplinary environmental studies topic in collaboration with a faculty mentor. A detailed project plan and report will be required.

Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

ENV 491 Special Topics - Advanced Environmental Studies (1-3 crs)

A variable content course designed to allow a breadth of study through intensive investigation of a topic in environmental and/or sustainability studies selected because of special interest on the part of students or faculty. May include field trips.

Repeat: Course may be repeated for a maximum of 6 credits

ENV 495 Directed Studies - Seniors (1-3 crs)

Prerequisite: Minimum senior standing.
Consent: Department Consent Required

For the senior student who wishes to pursue a defined, organized study of an interdisciplinary environmental studies topic under the direction of a faculty member.

Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

ENV 498 Environmental Studies Internship (1-6 crs)

Prerequisite: Minimum resident GPA of 3.0.
Consent: Department Consent Required

Appointment to a professional experience in an area of interest related to a student's theme of study, applying the student's understanding of environmental studies.

Attributes: Internship
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No Auditors

ENV 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing.
Consent: Department Consent Required

An opportunity for senior students to pursue an interdisciplinary environmental studies topic in collaboration with a faculty mentor. A detailed project plan and report will be required.

Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

ENV 546 American Environmental History (3 crs)

• *Cross-listed with ENV 346 and HIST 346/HIST 546. Credit may only be earned in one of these courses. No credit if taken after HIST 491 when offered as American Environmental History.*

Examines interactions between human societies and the natural world in what is now the United States. Through readings and several field trips students will learn the essential elements of American Environmental History.

Attributes: Field Trip(s) Required, Special Course Fee Required
Grading Basis: No S/U Grade Option
Lab/Studio Hours: 0
Seminar Hours: 3

Finance (FIN)

FIN 135 Personal Finance (3 crs)

• *Not open to juniors and seniors in the College of Business. No credit toward the finance major.*

Concepts inherent in personal finance. Units presented include career planning, budgeting, banking, saving, credit, insurance, annuities, investments, taxes, and estate planning.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 210 Service-Learning in Finance (1 cr)

Consent: Instructor Consent Required
• *No credit toward finance major.*

Students must complete a minimum of 15 hours of volunteer service. Service must be approved by faculty supervisor. A journal must be kept throughout project documenting service-learning project. The service-learning project must be completed within one calendar year (preferably one semester). Assignments outstanding longer than this will be graded unsatisfactory.

Attributes: Service-Learning, Half 15 Hours
Repeat: Course may be repeated for a maximum of 2 credits
Grading Basis: S/U Only Grade Basis

FIN 310 Financial Literacy Program (1 cr)

Prerequisite: FIN 320

Course provides students with instruction in basic financial literacy. Students will mentor clients in financial literacy. Students provide workshops and one-on-one mentoring.

Attributes: Service-Learning, Half 15 Hours
Repeat: Course may be repeated for a maximum of 2 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

FIN 320 Principles of Finance (3 crs)

Prerequisite: ECON 103 and ECON 104, ACCT 201, and BSAD 202 or MATH 246 or MATH 346. Minimum junior standing.

Study of the techniques used to make investment, financing, and dividend decisions in order to maximize the value of the firm to its owners. Topics include financial planning and control, working capital management, capital budgeting, capital structure, cost of capital, dividend policy, and international finance.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 321 Financial Markets and Institutions (3 crs)

Prerequisite: FIN 320. Limited to finance majors and minors only. Minimum junior standing.

A study of the U.S. financial system. Topics include the Federal Reserve System, term structure of interest rates, financial markets, instruments and financial institutions including regulation of commercial banks.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 322 Investments (3 crs)

Prerequisite: FIN 320. Limited to finance majors and minors only. Minimum junior standing.

Overview of security markets. Analysis of stocks, bonds, and other securities. Evaluation of risk and return characteristics and market efficiency.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 325 International Financial Management (3 crs)

Prerequisite: FIN 320. Minimum junior standing.

An introduction to the international elements of a business's operating environment. Topics include global economic factors, risk management, cost of capital, capital budgeting, and financing in a global environment.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 326 Short Term Financial Management (3 crs)

Prerequisite: FIN 320. Limited to finance majors and minors only. Minimum junior standing.

- *This course requires access to a laptop computer which can be brought to class when required.*

Short term financial management includes the management of working capital accounts. Banking relations and performance analysis will complete the tools required for a financial manager.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 327 Long Term Financial Management (3 crs)

Prerequisite: FIN 320. Limited to finance majors/minors and math-actuarial majors only. Minimum junior standing

- *This course requires access to a laptop computer which can be brought to class when required.*

Long term financing and investment issues to include capital budgeting methods, cash flow determination, risk analysis, long term debt, preferred and common stock financing, and leasing.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 328 Introduction to Derivative Securities (3 crs)

Prerequisite: FIN 320. Limited to finance majors and minors. Minimum junior standing.

Introduction to options, futures, and forward contracts as financial instruments used to control various types of business risk.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 371 Introduction to Insurance (3 crs)

Prerequisite: Minimum junior standing.

Emphasis on the individual consumer's and risk manager's viewpoint in dealing with risk through insurance and other techniques.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 395 Finance Internship I (1-3 crs)

Prerequisite: FIN 320. Limited to finance majors.

Consent: Department Consent Required

- *No credit toward finance major.*

Internship experience in business situations relevant to the finance major under supervision of a faculty member.

Attributes: LE-11 Integration, Internship, Special Course Fee Required

Grading Basis: A-F Grades Only

FIN 399 Independent Study Projects (1-4 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

FIN 410 Advanced Financial Literacy Program (1 cr)

Prerequisite: FIN 310.

Consent: Instructor Consent Required

Students will assist with financial literacy training, financial literacy program development, and client recruitment. Students will mentor clients in financial literacy. Students provide workshops and one-on-one mentoring.

Attributes: Service-Learning, Half 15 Hours

Repeat: Course may be repeated for a maximum of 2 credits

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

FIN 420 Corporate Valuation (3 crs)

Prerequisite: FIN 327/FIN 527, BCOM 206, BCOM 207. Limited to finance majors and minors. Minimum senior standing.

•*This course requires access to a laptop computer which can be brought to class when required.*

Applications of financial management theories and tools to decisions in capital budgeting, financial structure, current asset management, etc. Application is done through use of case and computer analysis.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 424 Portfolio Management (3 crs)

Prerequisite: FIN 322/FIN 522, BCOM 206, BCOM 207. Limited to finance majors and minors. Minimum junior standing.

Students will create and manage mock portfolios to learn asset allocation, portfolio construction, and management methods. Other topics include developing investment policies, the psychology of portfolio choices, ethics, and standards of practice in portfolio management.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 425 Commercial Bank Management (3 crs)

Prerequisite: FIN 321/FIN 521 or ECON 321, BCOM 206, BCOM 207. Limited to finance majors and minors. Minimum junior standing.

This introduction to commercial bank management includes topics on the structure of banks and issues in banking. Develops a theoretical and case-oriented analysis of asset and liability management techniques.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 426 Topics in Finance (1-3 crs)

Prerequisite: BCOM 206, BCOM 207. Limited to finance majors and minors. Minimum senior standing.

Covers a variety of advanced topics to be determined by faculty interest and student demand.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

FIN 428 Advanced Derivative Securities (3 crs)

Prerequisite: FIN 328/FIN 528, BCOM 206, BCOM 207. Limited to finance majors and minors. Minimum junior standing.

Quantitative analysis and pricing of derivative instruments and contracts.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 429 Wealth Management (3 crs)

Prerequisite: FIN 322/FIN 522, BCOM 206, BCOM 207. Limited to finance majors and minors. Minimum senior standing.

Understand the individual wealth management process including investment policy statements, asset allocation, implementation and performance evaluation; understand alternative asset classes; understand wealth preservation and protection; understand individual investor behavior.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 434 Portfolio Theory (3 crs)

Prerequisite: FIN 424/FIN 624, BCOM 206, BCOM 207. Limited to finance majors and minors. Minimum senior standing.

Introduction to portfolio theories and asset pricing models. Includes mathematical methods of asset pricing, portfolio optimization, and performance measurement and evaluation.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 439 Investment Strategy (3 crs)

Prerequisite: FIN 424/FIN 624, BCOM 206, BCOM 207. Limited to finance majors and minors, actuarial science majors and minors. Minimum junior standing.

Application of security selection and portfolio construction. Involvement in the management of an actual portfolio.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 490 Finance Honors Seminar (1 cr)

Prerequisite: Minimum senior standing.
Consent: Department Consent Required

An in-depth analysis of relevant finance topics adapted to student needs with emphasis on understanding relationships between different areas of finance.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

FIN 495 Finance Internship II (1-3 crs)

Prerequisite: FIN 320. Limited to finance majors. Minimum junior standing.
Consent: Department Consent Required

• *A maximum of three credits is allowed per semester of internship.*

Internship experience in business situations relevant to the finance major under supervision of a faculty member.

Attributes: LE-11 Integration, Internship, Special Course Fee Required

Repeat: Course may be repeated for a maximum of 3 credits

Grading Basis: A-F Grades Only

FIN 499 Independent Study Projects (1-4 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

FIN 521 Financial Markets and Institutions (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with FIN 321. Credit may not be earned in both courses.*

A study of the U.S. financial system. Topics include the Federal Reserve System, term structure of interest rates, financial markets, instruments and financial institutions including regulation of commercial banks.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 522 Investments (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with FIN 322. Credit may not be earned in both courses.*

Overview of security markets. Analysis of stocks, bonds, and other securities. Evaluation of risk and return characteristics and market efficiency.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 525 International Financial Management (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with FIN 325. Credit may not be earned in both courses.*

An introduction to the international elements of a business's operating environment. Topics include global economic factors, risk management, cost of capital, capital budgeting, and financing in a global environment.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 526 Short Term Financial Management (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with FIN 326. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.*

Short term financial management includes the management of working capital accounts. Banking relations and performance analysis will complete the tools required for a financial manager.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 527 Long Term Financial Management (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with FIN 327. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.*

Long term financing and investment issues to include capital budgeting methods, cash flow determination, risk analysis, long term debt, preferred and common stock financing, and leasing.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 528 Introduction to Derivative Securities (3 crs)

Prerequisite: FIN 320. Limited to MBA students.

- *Cross-listed with FIN 328. Credit may not be earned in both courses.*

Introduction to options, futures, and forward contracts as financial instruments used to control various types of business risk.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 620 Corporate Valuation (3 crs)

Prerequisite: FIN 327/FIN 527, BCOM 206, BCOM 207. Limited to MBA students.

- *Cross-listed with FIN 420. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.*

Applications of financial management theories and tools to decisions in capital budgeting, financial structure, current asset management, etc. Application is done through use of case and computer analysis.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 624 Portfolio Management (3 crs)

Prerequisite: FIN 322/FIN 522, BCOM 206, BCOM 207. Limited to MBA students.

- *Cross-listed with FIN 424. Credit may not be earned in both courses.*

Students will create and manage mock portfolios to learn asset allocation, portfolio construction, and management methods. Other topics include developing investment policies, the psychology of portfolio choices, ethics, and standards of practice in portfolio management.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 625 Commercial Bank Management (3 crs)

Prerequisite: FIN 321/FIN 521 or ECON 321, BCOM 206, BCOM 207. Limited to MBA students.

- *Cross-listed with FIN 425. Credit may not be earned in both courses.*

This introduction to commercial bank management includes topics on the structure of banks and issues in banking. Develops a theoretical and case-oriented analysis of asset and liability management techniques.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 626 Topics in Finance (1-3 crs)

Prerequisite: BCOM 206, BCOM 207. Limited to MBA students.

- *Cross-listed with FIN 426.*

Covers a variety of advanced topics to be determined by faculty interest and student demand.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

FIN 628 Advanced Derivative Securities (3 crs)

Prerequisite: FIN 328/FIN 528, BCOM 206, BCOM 207. Limited to MBA students.

- *Cross-listed with FIN 428. Credit may not be earned in both courses.*

Quantitative analysis and pricing of derivative instruments and contracts.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 629 Wealth Management (3 crs)

Prerequisite: FIN 322/FIN 522, BCOM 206, BCOM 207. Limited to MBA students.

- *Cross-listed with FIN 429. Credit may not be earned in both courses.*

Understand the individual wealth management process including investment policy statements, asset allocation, implementation and performance evaluation; understand alternative asset classes; understand wealth preservation and protection; understand individual investor behavior.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 634 Portfolio Theory (3 crs)

Prerequisite: FIN 424/FIN 624, BCOM 206, BCOM 207. Limited to MBA students.

- *Cross-listed with FIN 434. Credit may not be earned in both courses.*

Introduction to portfolio theories and asset pricing models. Includes mathematical methods of asset pricing, portfolio optimization, and performance measurement and evaluation.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 639 Investment Strategy (3 crs)

Prerequisite: FIN 424/FIN 624, BCOM 206, BCOM 207. Limited to MBA students.

- *Cross-listed with FIN 439. Credit may not be earned in both courses.*

Application of security selection and portfolio construction. Involvement in the management of an actual portfolio.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 720 Foundations of Managerial Finance (2 crs)

Prerequisite: ACCT 703 or equivalent. Limited to MBA students.

- *Not for MBA degree credit.*

Overview of fundamental issues and concepts in finance. Designed for graduate students in business who have no previous background in finance.

Attributes: Higher Cost Per Credit

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

Foreign Language (FLG)

FLG 101 Beginning Foreign Language I (4 crs)

Foundation in a foreign language not regularly offered at UWEC, including listening, speaking, reading, and cultural background.

Attributes: GE IA Communication-Language Arts

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

FLG 102 Beginning Foreign Language II (4 crs)

Prerequisite: FLG 101, Beginning Foreign Language I, (same language) or equivalent, as established by written documentation or placement test.

Continuation of Foreign Language 101, Beginning Foreign Language I.

Attributes: GE IA Communication-Language Arts

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

FLG 150 Foreign Civilization and Culture (3 crs)

Introduction to the culture and civilization of a foreign people or society. Students will learn about the society's historical background, its traditions and customs, and its main cultural expressions.

Attributes: Foreign Culture, GE IVD Humanities-Literature

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FLG 165 Amish in North America (3 crs)

Introduction to the history, culture, religion, beliefs, customs, rituals, language, and society of the Old Order Amish in North America, with the goal of enhancing understanding of another and one's own culture.

Attributes: Foreign Culture, GE IVD Humanities-Literature, LE-11 Integration, LE-K3 Humanities

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FLG 201 Intermediate Foreign Language I (4 crs)

Prerequisite: FLG 102 or equivalent (same language), as established by written documentation or placement test.

Review and expansion of grammar and vocabulary, with focus on the development of reading, writing, speaking, and listening skills, as well as on the culture represented by the language.

Attributes: GE IA Communication-Language Arts

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

FLG 202 Intermediate Foreign Language II (4 crs)

Prerequisite: FLG 201 or equivalent (same language), as established by written documentation or placement test.

Continuation of Foreign Language 201 (review and expansion of grammar and vocabulary, with focus on the development of reading, writing, speaking, and listening skills, as well as on the culture represented by the language).

Attributes: GE IA Communication-Language Arts

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

FLG 275 Off-campus Experience (1-3 crs)

Prerequisite: Minimum resident and total GPA of 2.80.

Consent: Instructor Consent Required

- *Must be supervised by a faculty member in the Department of Foreign Languages.*

This off-campus experience course enables students to take part, under UWEC faculty supervision, in entry-level internships and other guided or structured learning experiences in or centered on a foreign language, country, or culture.

FLG 365 Special Topics in Teaching English to Speakers of Other Languages (3 crs)

Prerequisite: Limited to TESOL or TEFL Minor.

In-depth study of various topics related to the field of Teaching English to Speakers of Other Languages (TESOL), which may include Pedagogical Grammar, Psycholinguistics, and ESL Literacy Instruction.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FLG 375 Internship Experience (3-6 crs)

Prerequisite: Minimum resident and total GPA of 2.50.

Consent: Instructor Consent Required

- *Must be supervised by a faculty member in the Department of Foreign Languages.*

This internship course allows students to design international and national field experiences under the supervision of a faculty member. The student may conduct field research or projects, teach a language, or other productive, academic, or professional activity pertinent to their designated focus area.

Attributes: Service-Learning Optional, Internship

FLG 378 Second Language Acquisition Theory (3 crs)

This course will help practicing and prospective teachers to understand and apply current research in second language acquisition. Students will explore the many factors that affect school performance of second language learners.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FLG 395 Directed Studies (1-4 crs)

Consent: Department Consent Required

Study of a problem or special area in a foreign or second language, or introduction to an uncommonly offered foreign language with emphasis on oral proficiency, basic grammar, introduction to reading and writing.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

FLG 565 Special Topics in Teaching English to Speakers of Other Languages (3 crs)

- *Cross-listed with FLG 365.*

In-depth study of various topics related to the field of Teaching English to Speakers of Other Languages (TESOL), which may include Pedagogical Grammar, Psycholinguistics, and ESL Literacy Instruction.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FLG 595 Directed Studies (1-4 crs)

Consent: Department Consent Required

- *Cross-listed with FLG 395.*

Study of a problem or special area in a foreign or second language, or introduction to an uncommonly offered foreign language with emphasis on oral proficiency, basic grammar, introduction to reading and writing.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

FLG 778 Theories of Second Language Learning and Acquisition (3 crs)

Prerequisite: No credit if taken after FLG 378.

The study of linguistic, cognitive, and social factors which influence the development of a second language. Applications to Teaching of English to Speakers of Other Languages (TESOL), bilingual education, and foreign language education.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

Foreign Literature in Translation (FLTR)

FLTR 250 Classical Mythology (3 crs)

Greek and Roman myths and legends that have an important place in Western culture. Given in English.

Attributes: GE IVD Humanities-Literature, LE-K3 Humanities, LE-R2 Global Perspectives

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FLTR 350 Latin American Literature in Translation (3 crs)

• *Credit may not be earned in both FLTR 350 and LAS 350.*

This course introduces students to Latin American authors and their writings in a historical and social context.

Attributes: Foreign Culture, GE IVD Humanities-Literature, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FLTR 360 Readings in Ancient Literature (3 crs)

Prerequisite: Minimum junior standing.

An umbrella course. Intensive reading, discussion, and analysis of literary works from the ancient world in English translation. Specific course offerings might include The Ancient Epic, Greek Tragedy, or Readings in Ancient Greek Literature.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FLTR 392 Foreign Film as Cultural Expression (3 crs)

Foreign film as a distinct medium of artistic expression of the social, historical, cultural values and perspectives of a society.

Attributes: Foreign Culture, GE IVD Humanities-Literature

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

FLTR 491 Special Topics (1-3 crs)

Prerequisite: May require a prerequisite dependent upon the topic.

In-depth study of a particular topic of interest to faculty and students. Topics may be specific themes, periods, or geographic areas.

Repeat: Course may be repeated for a maximum of 6 credits

FLTR 550 Latin American Literature in Translation (3 crs)

• *Cross-listed with FLTR 350 and LAS 350/LAS 550. Credit may only be earned in one of these courses.*

This course introduces students to Latin American authors and their writings in a historical and social context.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FLTR 560 Readings in Ancient Literature (3 crs)

Consent: Instructor Consent Required

• *Cross-listed with FLTR 360.*

An umbrella course. Intensive reading, discussion, and analysis of literary works from the ancient world in English translation. Specific course offerings might include The Ancient Epic, Greek Tragedy, or Readings in Ancient Greek Literature.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

French (FREN)

FREN 101 Beginning French (4 crs)

Prerequisite: Placement test required.

An introduction, within a cultural context, to the sounds and structures of French. Emphasis on both the spoken and written language.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

FREN 102 Beginning French (4 crs)

Prerequisite: FREN 101 or suitable placement score on the French Placement Exam.

Continuation of French 101.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

FREN 201 Intermediate French (4 crs)

Prerequisite: FREN 102 or suitable placement score on the French Placement Exam.

This intermediate course develops the four skills of reading, writing, listening, and speaking, while focusing on grammar and vocabulary in a cultural context.

Attributes: GE IA Communication-Language Arts, LE-R2 Global Perspectives

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

FREN 202 Intermediate French (4 crs)

Prerequisite: FREN 201 or suitable placement score on French Placement Exam.

Continuation of French 201.

Attributes: GE IA Communication-Language Arts, LE-R2 Global Perspectives

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

FREN 315 Advanced Grammar in Context (3 crs)

Prerequisite: FREN 202 or suitable placement score on French Placement Exam.

A comprehensive review of the whole of French grammar, with practical application in speech and writing.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FREN 325 Phonetics and Pronunciation (3 crs)

Prerequisite: FREN 315 or concurrent enrollment.

Theory of the French sound system, spelling rules, and intensive practice for improvement of pronunciation.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FREN 335 Written and Oral Expression (3 crs)

Prerequisite: FREN 315. No credit if taken after FREN 301 and FREN 310.

Intensive practice in oral and written French.

Attributes: Foreign Culture

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FREN 340 French for Professional Communication (3 crs)

Prerequisite: FREN 315. No credit if taken after FREN 395 when offered as French for Business in the Spring of 2008.

This class, taught entirely in French, focuses on specialized language and cultural practices in the French-speaking professional world. This course also prepares students for the Certificat de Français Professionnel 1 (CFP 1), an internationally recognized diploma in French for business.

Attributes: Foreign Culture

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FREN 345 Introduction to Literary Analysis (3 crs)

Prerequisite: FREN 335 or FREN 340, or 300-level language proficiency, or consent of instructor.

• *Course may be taken once at UW-Eau Claire and once during study abroad.*

Reading of selected poems, plays, and prose fiction; practice in writing critical analyses.

Attributes: GE IVD Humanities-Literature

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FREN 354 History of French Civilization (3 crs)

Prerequisite: FREN 335 or FREN 340, or 300-level language proficiency, or consent of instructor.

French history and civilization from pre-history to the Third Republic; the course focuses on the links between political, social, intellectual, and artistic developments.

Attributes: GE IVD Humanities-Literature

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FREN 355 Contemporary French Civilization (3 crs)

Prerequisite: FREN 335 or FREN 340, or 300-level language proficiency, or consent of instructor.

France from 1870 to the present: the country, its people, institutions, art, and culture.

Attributes: GE IVD Humanities-Literature, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FREN 361 Survey of French Literature I (3 crs)

Prerequisite: FREN 345, or 300-level language proficiency, or consent of instructor.

• *Course may be taken once at UW-Eau Claire and once during study abroad.*

Masterpieces of literature prior to the French Revolution.

Attributes: GE IVD Humanities-Literature, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FREN 362 Survey of French Literature II (3 crs)

Prerequisite: FREN 345, or 300 level language proficiency, or consent of instructor.

- *Course may be taken once at UW-Eau Claire and once during study abroad.*

Masterpieces of literature since the French Revolution.

Attributes: GE IVD Humanities-Literature, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FREN 395 Directed Studies (1-3 crs)

Consent: Department Consent Required

Study of a problem or special area in French language, culture, or literature.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

FREN 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

FREN 401 Advanced Conversation (3 crs)

Prerequisite: FREN 335 or FREN 340, or consent of instructor.

- *Course may be taken once at UW-Eau Claire and once during study abroad.*

Intensive practice in conversation derived from assigned topics.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FREN 430 Environmental and Linguistic Diversity (3 crs)

Prerequisite: FREN 315; FREN 325 or concurrent enrollment.

Exploration of linguistic and cultural diversity of the Francophone world in the context of those regions' history and natural environment.

Attributes: Foreign Culture, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FREN 450 Francophone Literature (3 crs)

Prerequisite: FREN 361 or FREN 362.

- *No credit if taken after FREN 491 when offered as the same topic, Francophone Literature.*

French-language literature by writers of countries and territories outside the European continent, such as Africa, the Caribbean, and the Americas.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FREN 463 Modern French Literature (3 crs)

Prerequisite: FREN 361 or FREN 362 or consent of instructor.

- *Course may be taken once at UW-Eau Claire and once during study abroad.*

A study of major literary movements and trends in modern France.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FREN 491 Special Topics (1-3 crs)

Prerequisite: FREN 361 or FREN 362.

- *Only nine credits may count toward the major or minor. See current Class Schedule for specific topic.*

In-depth study of a special area in the language, cultures, or literatures of the French-speaking world.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 9 credits

FREN 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

FREN 555 Contemporary French Civilization (3 crs)

Prerequisite: FREN 335 or FREN 340, or 300-level language proficiency, or consent of instructor.

- *Cross-listed with FREN 355.*

France from 1870 to the present: the country, its people, institutions, art, and culture.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FREN 561 Survey of French Literature I (3 crs)

Prerequisite: FREN 345, or 300-level language proficiency, or consent of instructor.

- Cross-listed with FREN 361. Course may be taken once at UW-Eau Claire and once during study abroad.

Masterpieces of literature prior to the French Revolution.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FREN 562 Survey of French Literature II (3 crs)

Prerequisite: FREN 345, or 300-level language proficiency, or consent of instructor.

- Cross-listed with FREN 362. Course may be taken once at UW-Eau Claire and once during study abroad.

Masterpieces of literature since the French Revolution.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FREN 595 Directed Studies (1-3 crs)

Consent: Department Consent Required

- Cross-listed with FREN 395.

Study of a problem or special area in French language, culture, or literature.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

FREN 601 Advanced Conversation (3 crs)

Prerequisite: FREN 335 or FREN 340 or consent of instructor.

Consent: Instructor Consent Required

- Cross-listed with FREN 401. Course may be taken once at UW-Eau Claire and once during study abroad.

Intensive practice in conversation derived from assigned topics.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FREN 630 Environmental and Linguistics Diversity (3 crs)

Prerequisite: FREN 315; FREN 325 or concurrent enrollment.

- Cross-listed with FREN 430.

Exploration of linguistic and cultural diversity of the Francophone world in the context of those regions' history and natural environment.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FREN 650 Francophone Literature (3 crs)

Prerequisite: FREN 361/FREN 561 or FREN 362/FREN 562.

- Cross-listed with FREN 450. Credit may not be earned in both courses. No credit if taken after FREN 491/FREN 691 when offered as the same topic, Francophone Literature.

French-language literature by writers of countries and territories outside the European continent, such as Africa, the Caribbean, and the Americas.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FREN 663 Modern French Literature (3 crs)

Prerequisite: FREN 361/FREN 561 or FREN 362/FREN 562 or consent of instructor.

- Cross-listed with FREN 463. Course may be taken once at UW-Eau Claire and once during study abroad.

A study of major literary movements and trends in modern France.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FREN 691 Special Topics (1-3 crs)

Prerequisite: FREN 361/FREN 561 or FREN 362/FREN 562.

Consent: Instructor Consent Required

- Cross-listed with FREN 491. See current Class Schedule for specific topic.

In-depth study of a special area in the language, cultures, or literatures of the French-speaking world. Topics specified in the current Class Schedule.

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: No S/U Grade Option

FREN 797 Independent Study (1-3 crs)

Consent: Instructor Consent Required

Independent study projects under direction of faculty members.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

General Arts & Sciences (GEN)

GEN 100 Foundations for Academic Success (1-3 crs)

Consent: Department Consent Required

- No credit toward any major or minor. Elective credit only.

An integrated program introducing students to University resources and college success strategies. The program assists students in intellectual, personal, and social development to improve retention and academic performance.

Repeat: Course may be repeated for a maximum of 3 credits

Grading Basis: No S/U Grade Option

GEN 102 College Learning Strategies (1-2 crs)

Consent: Department Consent Required

- No credit toward any major or minor. Elective credit only.

An introduction to University reading and learning strategies necessary for success in social science and humanities courses. Strategies include text reading methods, note taking systems, time management, examination preparation, test-taking strategies, and overcoming test anxiety.

GEN 103 Critical Thinking (2 crs)

Consent: Department Consent Required

- No credit toward any major or minor. Elective credit only.

Development of the higher level critical reading, writing, and thinking skills--application, analysis, evaluation and synthesis--necessary for academic success in a variety of university disciplines.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

GEN 110 Strategies for Academic Success (2 crs)

Consent: Department Consent Required

- No credit toward any major or minor. Elective credit only.

Designed to assist student development of successful academic and personal strategies necessary to meet demands at the college level by formulating educational goals, examining effective learning strategies, and making informed decisions.

Repeat: Course may be repeated for a maximum of 2 credits

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

GEN 201 Student Success Seminar (2 crs)

Consent: Department Consent Required

A course designed to increase retention and graduation of students on probation after suspension by identifying factors leading to academic difficulty, assessing academic strengths and weaknesses, building critical thinking strategies, and creating student development plans.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

GEN 250 Academic and Career Exploration (1 cr)

Consent: Instructor Consent Required

Designed to give students the skills to make informed choices about their lives, education, and careers. Includes career development theory, interpretations of self-assessment instruments, occupational research techniques, examination of a liberal arts-based education, and goal-setting strategies.

Attributes: Special Course Fee Required Varies by Term/Section

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

GEN 260 Graduate School Exploration (1 cr)

Prerequisite: Minimum sophomore standing. For Student Support Services participants only.

Consent: Instructor Consent Required

This course is designed to help Student Support Services participants make informed decisions pertaining to advanced degrees and to maximize potential for lifelong professional development.

Attributes: Field Trip(s) Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

Geography (GEOG)

GEOG 104 The Physical Environment (4 crs)

Prerequisite: MATH 20, or two years of college-preparatory algebra, or a suitable mathematics placement test score.

Introduction to the spatial relations and interactions among the Earth's dynamic systems--atmosphere, biosphere, lithosphere, and hydrosphere (weather, climate, landforms, soils, and ecosystems).

Attributes: GE IIC Natural Science-Geography, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

GEOG 111 Human Geography (3 crs)

The basic elements, processes, distributions, and problems associated with cultural groups: their principal ways of life, interrelationships with the natural environment, and socio-cultural diversity. Topics include: population, race, language, religion, political ideologies, and economic systems.

Attributes: Foreign Culture, Cultural Diversity 1 cr., GE IIC Social Science-Geography, LE-K2 Social Sciences, LE-R2 Global Perspectives

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 135 Introduction to Geospatial Analysis (3 crs)

Introduces foundations of geospatial technology and spatial thinking using real world environmental and social case studies. Key geographic issues will be explored through the utilization of geospatial technology.

Attributes: GE IIC Natural Science-Geography, LE-S3 Creativity

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 155 Economic Geography (3 crs)

Classical location models of production, exchange, consumption, and development with special emphasis on the space economy of the United States.

Attributes: GE IIIC Social Science-Geography

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 178 Conservation of the Environment (3 crs)

Prerequisite: No credit if taken after BIOL 180.

- *Satisfies requirement for Wisconsin teaching licensure in science and social science.*

The use and abuse of environmental resources and the problems involved in their management and conservation.

Attributes: GE IIC Natural Science-Geography, LE-I1 Integration, LE-K1 Natural Sciences

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 188 Cultural Landscapes of North America (3 crs)

Explores the cultural landscapes of North America, with attention to rural-urban differences, cross-national comparisons, and landscapes of the past, present, and future.

Attributes: Cultural Diversity 2 cr., GE IIIC Social Science-Geography, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 200 Foundations of Geography (3 crs)

Prerequisite: Limited to geography majors and minors.

An introduction to the foundations, principles and primary geospatial techniques and analyses used in geography.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

GEOG 270 Land Use Issues and Problems (3 crs)

Basic concepts and philosophies of land use, including techniques and methodology of land use analysis.

Attributes: Field Trip(s) Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 280 Cartographic Design (3 crs)

- *GEOG 200 is recommended prior to enrollment in this course.*

The elements of cartography. Emphasis on the graphic expression of geographical and statistical data for reproduction on maps.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

GEOG 301 Geography of Western Europe (3 crs)

Europe west of the former Soviet Bloc countries, with emphasis on physical, biotic, and cultural themes which unify the region. Includes the national level of regionalization. Utilizes aspects of history, politics, literature, and physical geography.

Attributes: Foreign Culture, GE IIIC Social Science-Geography

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 304 Introduction to Geomorphology (4 crs)

Prerequisite: GEOG 104 or GEOL 106 or GEOL 110 or GEOL 115.

An introduction to physical processes that affect the Earth's surface and the landforms that result. The techniques of investigating landforms (field/laboratory) and the fundamentals of communicating the results will be covered.

Attributes: Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 4

GEOG 308 Geography of Russia and Eastern Europe (3 crs)

Examination of natural and human resources, economic and political organization of Eastern Europe and the former Soviet Union. Special attention to ideological and institutional problems of population growth, nationalities, and regional development.

Attributes: Foreign Culture, GE IIIC Social Science-Geography

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 312 Space, Society, Subject (3 crs)

Prerequisite: Sophomore standing or instructor consent

- *Credit may not be earned in both ANTH 312 and GEOG 312.*

Broad introduction to social theory in anthropology and geography with an emphasis on contemporary theoretical approaches to social, spatial, and cultural dynamics and their intersections.

Attributes: Cultural Diversity 1 cr., GE IIIA Social Science-Anthropology, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 1

Seminar Hours: 2

GEOG 319 Geography of the Middle East and North Africa (3 crs)

Examination of the physical, cultural, economic, and political geography of the Middle East and North Africa. Emphasis placed on understanding the region's people, places, cultures, nature-society relationships, and the roots of conflict.

Attributes: Foreign Culture, GE IIIC Social Science-Geography, Field Trip(s)

Required, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 321 Geography of Latin America (3 crs)

• *Credit may not be earned in both GEOG 321 and LAS 321.*

The physical and cultural landscapes of Latin America, including North, Central, and South America and the Caribbean Islands, with attention to the major cultural, economic, social, and political currents of each region.

Attributes: Foreign Culture, GE IIIC Social Science-Geography, LE-I1 Integration, LE-R2 Global Perspectives, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 322 Native Geographies (3 crs)

• *Credit may not be earned in both GEOG 322 and AIS 322.*

The historical and contemporary relationships of American Indians to place, including land use and environmental issues, indigenous mapping techniques, sacred sites, territorial nationhood, and legal rights to ceded and sovereign lands. The course also provides insight into the unique cultures of indigenous peoples around the world.

Attributes: Cultural Diversity 3 cr., GE IIIC Social Science-Geography, Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 325 Geography of the United States and Canada (3 crs)

Introduces geographic concepts of region, nature-society relationships and spatial organization to compare and contrast Canada, the United States, and places within them. Maps used to explore and understand spatial patterns in the human experience and physical environment.

Attributes: Cultural Diversity 1 cr., GE IIIC Social Science-Geography

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 335 Geographic Information Systems I (3 crs)

• *GEOG 200 is recommended prior to enrollment in this course.*

Introduction to the fundamental concepts of GIS technology and the utilization of spatial data for solving geographic problems. Raster and vector approaches to spatial processing are examined. Special emphasis is given to raster based systems.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

GEOG 336 Geospatial Field Methods (3 crs)

Prerequisite: GEOG 335

Consent: Instructor Consent Required

Project-based hands-on learning will teach students field data collection techniques/methods for those interested in a career involving geospatial issues. Traditional and advanced geospatial technology are implemented in the course.

Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 337 Geographic Information Systems II (3 crs)

Prerequisite: GEOG 335

This course expands directly on knowledge gained in Geog 335, Geographic Information Systems I. Focus will be on gaining additional technical skills and applying them to answer more in-depth geospatial questions.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

GEOG 338 Remote Sensing of the Environment (3 crs)

• *GEOG 200 is recommended prior to enrollment in this course.*

Descriptive interpretation of remote-sensing images from ground, aerial, and space platforms.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 339 Computer Mapping (3 crs)

Introduction to the uses of computers in the design and construction of maps. Topics include digitizing tasks, the organization and utilization of mapping software, and the production of computer-drawn maps.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 340 Climatology (3 crs)

Prerequisite: GEOG 104

Comprehensive study of climatic phenomena with emphasis on global heat and water balances, daily weather analysis, climate classification, and climate change.

Attributes: Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 341 Weather and Society (3 crs)

Prerequisite: GEOG 104 or consent of instructor.

This course provides the student with a theoretical and applied understanding of meteorological events and their subsequent impacts upon society.

Attributes: GE IIC Natural Science-Geography, LE-K1 Natural Sciences

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 345 Quaternary Environments (3 crs)

Prerequisite: GEOG 304

Causes, history, and effects of the Ice Ages, including the study of climatic changes, related oceanic and biological disruptions, Ice Age landforms; also, the characteristics and world distribution of modern glaciers.

Attributes: Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 350 Soils and the Environment (4 crs)

Prerequisite: GEOG 104 or GEOL 110 or GEOL 115; and GEOG 304 or GEOL 312.

Consent: Instructor Consent Required

Study of soil properties, formation processes, and classification with emphasis on fieldwork, application of soil information to resource management and land use, and technical report writing.

Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required

Grading Basis: No Auditors

Lecture/Discussion Hours: 2

Lab/Studio Hours: 4

GEOG 351 Cross-Cultural Dynamics (3 crs)

- *Credit may not be earned in both ANTH 351 and GEOG 351.*

Preparation for study, work, or travel abroad. Study of cultural differences in values, customs, and communication styles. Consideration of the process of adjustment to a foreign culture and the problems of intercultural communication.

Attributes: Foreign Culture, GE IIIA Social Science-Anthropology

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 352 Business Geographics (3 crs)

Business applications of geographic analysis. Emphasis on population geography, U.S. Census data, location, threshold and market area analysis, retail site location, and location allocation. Use of GIS software, large spatial databases, and database manipulation required.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 355 Biogeography (4 crs)

Prerequisite: GEOG 104

The study of the past and present geographic distributions of organisms, primarily plants, from historical, ecological, and regional perspectives. Emphasis is on principles and methods. Regional focus on the Great Lakes.

Attributes: Field Trip(s) Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 4

GEOG 358 LiDAR Analysis & Applications (3 crs)

Prerequisite: GEOG 335 and GEOG 338.

Introduction to the visualization, processing & use of airborne & terrestrial LiDAR data for applications in environmental & socio-cultural settings.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

GEOG 361 Environmental Hazards (3 crs)

The course focuses on environmental hazards and disasters (including geomorphic, atmospheric, and human): how the normal processes of the earth concentrate their energies and deal destructive blows to humans and their structures.

Attributes: GE IIC Natural Science-Geography, Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 363 Watershed Analysis (4 crs)

Prerequisite: GEOG 104 or GEOL 110 or GEOL 115; and GEOG 304 or GEOL 312.

Consent: Instructor Consent Required

Watershed-based study of surface-water hydrologic processes and the factors (climate, soils, vegetation, land use) that affect them. Particular emphasis placed on investigations of watersheds in the Eau Claire area.

Attributes: Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

GEOG 364 Fluvial Processes and Landforms (4 crs)

Prerequisite: GEOG 104 or GEOL 110 or GEOL 115; and GEOG 304 or GEOL 312.

Consent: Instructor Consent Required

Study of river processes and the landforms that result from them, including how processes and landforms respond to natural and anthropogenic environmental change. Investigations of streams in the Eau Claire area emphasized.

Attributes: Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

GEOG 365 Tourism Geographies (3 crs)

Exploration of outdoor recreation resources in the U.S. with emphasis on their diverse recreational amenities; societal and personal leisure values; related user problems; management solutions.

Attributes: GE IIIC Social Science-Geography, Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 366 Geography International Immersion Experience (1-3 crs)

Consent: Instructor Consent Required

- *Preparatory prerequisite course may be required.*

Place-based analysis using field and interdisciplinary methods to learn about the environments, society and culture of the immersion region. International field sites, experiences and special topics may vary by semester.

Attributes: Foreign Culture, Field Trip(s) Required, Special Course Fee Required
Varies by Term/Section
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

GEOG 367 Landscape Analysis: Cultural (3 crs)

Prerequisite: Minimum sophomore standing.

Geographic analysis of cultural landscapes by means of field experiences.

Attributes: GE IIIC Social Science-Geography, Field Trip(s) Required
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 368 Geography Field Seminar (3 crs)

Prerequisite: Limited to geography majors and minors or consent of instructor. Minimum junior standing.

Place-based analysis using geographic methods and field investigations. Field sites and research topics will vary from semester to semester.

Attributes: Field Trip(s) Required, Special Course Fee Required
Varies by Term/Section
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 369 Geography of Food (3 crs)

Prerequisite: Minimum sophomore standing.

- *A geography course is recommended prior to enrollment in this course.*

Explores the geography and spatial dimensions of food, with attention to the cultures and environments from which they emerged, changing nature/society relationships, and the implications of globalization, economic growth, and technological innovations.

Attributes: Foreign Culture, GE IIIC Social Science-Geography, Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 370 Quantitative Methods in Geography (3 crs)

Prerequisite: GEOG 335. Limited to geography majors and minors.

An introduction to spatial/quantitative methods in geography. Topics include central tendency, mean center, probability, regression, spatial autocorrelation, and geographically weighted regression.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 375 Environmental Quality (3 crs)

- *GEOG 178 or BIOL 180 is recommended prior to enrollment in this course.*

Society's impact on the quality of the environment. The role of cultural attitudes, population, economic systems, technology, and political institutions in creating environmental problems.

Attributes: GE IIIC Social Science-Geography, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 377 U.S. Environmental and Sustainability Policy (3 crs)

- *Credit may not be earned in both ENV 377 and GEOG 377.*

Students will study U.S. environmental and sustainability law and policy to assess the roles of science, key actors, and values in policymaking.

Attributes: GE IIIG Social Science-Interdisciplinary Study, LE-K2 Social Sciences, LE-R3 Civic and Environmental Issues, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 378 International Environmental Problems and Policy (3 crs)

- *Credit may not be earned in both GEOG 378 and ENV 378.*

Examination of the threats to the global environment and the response of the international community.

Attributes: Foreign Culture, GE IIIC Social Science-Geography
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 379 Geography of Wisconsin (3 crs)

A geographic analysis of Wisconsin and its people, with emphasis on cultural and environmental characteristics, patterns of land use, and changing ways of life.

Attributes: GE IIIC Social Science-Geography, Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

GEOG 388 Military Geography (3 crs)

Consent: Instructor Consent Required

Explores the diversity of military geography by linking military affairs to the human and physical landscape. Examines how the environment influences military activities, how military activities impact the environment, and how technology has influenced the changing geographic dimensions of conflict.

Attributes: Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 390 Unmanned Aerial Systems (3 crs)

Consent: Instructor Consent Required

Teaches how best to utilize Unmanned Aerial Systems (UAS) as a means to gather geospatial data. Safety and 'drone ethics' will also be stressed throughout the course.

Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 395 Directed Studies (1-3 crs)

Consent: Department Consent Required

Directed study of a geographic problem approved by the supervising instructor and the Department Chair.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

GEOG 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Limited to geography majors and minors. Minimum junior standing.

Consent: Department Consent Required

An intensive study of a geographic topic resulting in a quality paper or report suitable for publication.

Repeat: Course may be repeated

GEOG 401 Capstone Seminar (3 crs)

Prerequisite: Core courses (except capstone courses) required for all geography majors.

Designed to integrate theory and methodology, quantitative, and cartographic techniques, and field work to serve as a "capstone experience" for geography majors. Literature review, research design, data collection, and presentation skills are stressed.

Attributes: Capstone Course

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 435 Geographic Information Systems III (3 crs)

Prerequisite: GEOG 335

• *No credit if taken after GEOG 491 when offered as Advanced Geographic Information Systems.*

This course will advance students' knowledge of theoretical concepts and skills in geographic information systems in science. Emphasis will be placed on application of these concepts and skills in geospatial analysis.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

GEOG 438 Advanced Remote Sensing (3 crs)

Prerequisite: GEOG 338

Explores the theory and methodology of applied remote sensing. Focus is on the principles of electromagnetic radiation, interaction of solar radiation with Earth's atmosphere and various surface classes, remote sensing systems, and digital image processing.

Attributes: Field Trip(s) Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

GEOG 445 Historical Geography (3 crs)

Prerequisite: GEOG 178 or BIOL 180.

Examines how human activities have impacted the natural world, how attitudes toward nature have shifted over time, and how human activities and attitudes have altered our landscape. Emphasis is on United States environmental history.

Attributes: GE IIIC Social Science-Geography, Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 446 Political Geography (3 crs)

A systematic analysis of the distribution of political activity and the relationship of that pattern to other spatial phenomena. Emphasis on national states and international problems.

Attributes: GE IIIC Social Science-Geography, LE-K2 Social Sciences, LE-R2 Global Perspectives

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 455 Web Geographic Information Systems (3 crs)

Prerequisite: GEOG 335

An introduction to Web GIS, the programming concepts underpinning construction and implementation of high quality web and mobile solutions.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

GEOG 470 Urban Geography (3 crs)

Considers (1) cities as systems of service, trade, and manufacturing centers; (2) the internal structure of cities with emphasis on residential, commercial, and industrial patterns. North American urban places and solutions are stressed.

Attributes: Cultural Diversity 1 cr., Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 491 Special Topics (1-3 crs)

Prerequisite: Limited to geography majors and minors, or consent of instructor. No more than six credits may be applied to the geography major or minor.

Consent: Instructor Consent Required

Special topics will vary, depending on interests of students and faculty. Topics will include specific micro-regions and systematic approaches in geography.

Attributes: Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated

GEOG 498 Geography Internship (1-3 crs)

Consent: Department Consent Required

- *Application and approval required by supervising instructor, agency representative and department chair prior to start of internship.*

Application of geographic knowledge and skills in supervised professional activities relevant to the student's area of emphasis. Involves active reflection tied to the student's academic and career and interests. Option to pursue service learning where applicable.

Attributes: Service-Learning Optional, Capstone Course, Internship

Repeat: Course may be repeated for a maximum of 6 credits

GEOG 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Limited to geography majors and minors. Minimum senior standing.

Consent: Department Consent Required

Same as GEOG 399, except for senior majors only.

Repeat: Course may be repeated

GEOG 512 Space, Society, Subject (3 crs)

- *Cross-listed with GEOG 312 AND ANTH 312/ANTH 512. Credit may only be earned in one of these courses.*

Broad introduction to social theory in anthropology and geography with an emphasis on contemporary theoretical approaches to social, spatial, and cultural dynamics and their intersections.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Seminar Hours: 2

GEOG 521 Geography of Latin America (3 crs)

- *Cross-listed with GEOG 321 and LAS 321/LAS 521. Credit may only be earned in one of these courses.*

The physical and cultural landscapes of Latin America, including North, Central, and South America and the Caribbean Islands, with attention to the major cultural, economic, social, and political currents of each region.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 522 Native Geographies (3 crs)

- *Cross-listed with GEOG 322 and AIS 322/AIS 522. Credit may only be earned in one of these courses.*

The historical and contemporary relationships of American Indians to place, including land use and environmental issues, indigenous mapping techniques, sacred sites, territorial nationhood, and legal rights to ceded and sovereign lands. The course also provides insight into the unique cultures of indigenous peoples around the world.

Attributes: Field Trip(s) Required, Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 535 Geographic Information Systems I (3 crs)

- *Cross-listed with GEOG 335. Credit may not be earned in both courses. GEOG 200 is recommended prior to enrollment in this course.*

Introduction to the fundamental concepts of GIS technology and the utilization of spatial data for solving geographic problems. Raster and vector approaches to spatial processing are examined. Special emphasis is given to raster based systems.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

GEOG 536 Geospatial Field Methods (3 crs)

Prerequisite: GEOG 335/GEOG 535

Consent: Instructor Consent Required

- *Cross-listed with GEOG 336. Credit may not be earned in both courses.*

Project-based hands-on learning will teach students field data collection techniques/methods for those interested in a career involving geospatial issues. Traditional and advanced geospatial technology are implemented in the course.

Attributes: Field Trip(s) Required, Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 537 Geographic Information Systems II (3 crs)

Prerequisite: GEOG 335/GEOG 535

- *Cross-listed with GEOG 337. Credit may not be earned in both courses.*

This course expands directly on knowledge gained in Geog 335, Geographic Information Systems I. Focus will be on gaining additional technical skills and applying them to answer more in-depth geospatial questions.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

GEOG 538 Remote Sensing of the Environment (3 crs)

- *Cross-listed with GEOG 338. Credit may not be earned in both courses. GEOG 200 is recommended prior to enrollment in this course.*

Descriptive interpretation of remote-sensing images from ground, aerial, and space platforms.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 550 Soils and the Environment (4 crs)

Consent: Instructor Consent Required

- *Cross-listed with GEOG 350. Credit may not be earned in both courses.*

Study of soil properties, formation processes, and classification with emphasis on fieldwork, application of soil information to resource management and land use, and technical report writing.

Attributes: Field Trip(s) Required, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 4

GEOG 558 LiDAR Analysis & Applications (3 crs)

Prerequisite: GEOG 535 and GEOG 538.

Introduction to the visualization, processing & use of airborne & terrestrial LiDAR data for applications in environmental & socio-cultural settings.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

GEOG 579 Geography of Wisconsin (3 crs)

- *Cross-listed with GEOG 379. Credit may not be earned in both courses.*

A geographic analysis of Wisconsin and its people, with emphasis on cultural and environmental characteristics, patterns of land use, and changing ways of life.

Attributes: Field Trip(s) Required, Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 590 Unmanned Aerial Systems (3 crs)

Teaches how best to utilize Unmanned Aerial Systems (UAS) as a means to gather geospatial data. Safety and 'drone ethics' will also be stressed throughout the course.

Attributes: Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 595 Directed Studies (1-3 crs)

Consent: Department Consent Required

- *Cross-listed with GEOG 395.*

Directed study of a geographic problem approved by the supervising instructor and the Department Chair.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

GEOG 635 Geographic Information Systems III (3 crs)

Prerequisite: GEOG 335/GEOG 535

- *Cross-listed with GEOG 435. Credit may not be earned in both courses.*

No credit if taken after GEOG 491 when offered as Advanced Geographic Information Systems.

This course will advance students' knowledge of theoretical concepts and skills in geographic information systems in science. Emphasis will be placed on application of these concepts and skills in geospatial analysis.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

GEOG 655 Web Geographic Information Systems (3 crs)

Prerequisite: GEOG 335/GEOG 535

- *Cross-listed with GEOG 455. Credit may not be earned in both courses.*

An introduction to Web GIS, the programming concepts underpinning construction and implementation of high quality web and mobile solutions.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

GEOG 797 Independent Study/Graduate (1-3 crs)

Consent: Department Consent Required

An intensive study of a geographic topic resulting in a paper suitable for publication.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

Geology (GEOL)

GEOL 102 Oceanography (3 crs)

Survey of the world oceans with emphasis on geologic processes. Also includes chemical, physical, and biological aspects of the sea. Investigates human interaction with the marine environment.

Attributes: GE IID Natural Science-Geology, LE-I1 Integration, LE-K1 Natural Sciences

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOL 106 Earth Science (4 crs)

Prerequisite: Limited to elementary education and special education majors. Credit may be earned in only one of the following: GEOL 106, or GEOL 110, or GEOL 115, or GEOL 118, or GEOL 130 and GEOL 131.

Introduction to basic earth science concepts. Includes study of earth interior and surface processes, earth materials, earth history, earth resources, atmospheric composition and processes, and aspects of the solar system.

Attributes: GE IID Natural Science-Geology, Lab Science, LE-I1 Integration, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, Service-Learning Optional Half, Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 4

GEOL 110 Physical Geology (4 crs)

Prerequisite: Credit may be earned in only one of the following: GEOL 106, or GEOL 110, or GEOL 115, or GEOL 118, or GEOL 130 and GEOL 131.

A study of earth structure, materials, processes, and history; includes discussion of plate tectonics, volcanism, weathering, glaciation, sedimentation, and metamorphism. The course emphasizes the methods of scientific investigation.

Attributes: GE IID Natural Science-Geology, Lab Science, LE-I1 Integration, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

GEOL 115 Environmental Geology (4 crs)

Prerequisite: Credit may be earned in only one of the following: GEOL 106, or GEOL 110, or GEOL 115, or GEOL 118, or GEOL 130 and GEOL 131. No credit if taken after previous courses GEOL 101 or GEOL 103.

Study of the physical environment. Emphasis on earth processes which affect humans such as rivers, erosion, groundwater, landslides, and earthquakes. Methods are examined for reducing or eliminating the harmful effects of human interaction with the geologic environment.

Attributes: GE IID Natural Science-Geology, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, LE-R3 Civic and Environmental Issues, Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

GEOL 118 Societal Issues in Earth Science (4 crs)

Prerequisite: Credit may be earned in only one of the following: GEOL 106, or GEOL 110, or GEOL 115 or GEOL 118, or GEOL 130 and GEOL 131.

Examination of social and economic impact of geologic issues, including instantaneous, catastrophic events such as earthquakes, tsunami and volcanic eruptions, and more mundane, inexorable events such as global climatic change and resource depletion.

Attributes: GE IID Natural Science-Geology, Lab Science, LE-I1 Integration, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, Field Trip(s) Required, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

GEOL 122 The Future of Global Energy (3 crs)

• No credit if taken after IDIS 152 when offered as Global Energy in Spring 2009.

Examination of traditional and alternative energy sources with respect to supply, recovery, distribution, environmental impact and sustainability and the relationship between energy and social, economic and public policy issues and local, regional and global politics.

Attributes: GE IID Natural Science-Geology, LE-I1 Integration, LE-K1 Natural Sciences, Field Trip(s) Required, Special Course Fee Required Varies by Term/Section

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

GEOL 201 Geology of Our National Parks and Monuments (2 crs)

• No credit toward majors or minors.

A survey of geologic processes and phenomena as exemplified by features of our national parks and monuments. Designed to develop greater appreciation and understanding of natural phenomena.

Attributes: GE IID Natural Science-Geology, LE-K1 Natural Sciences, LE-R3 Civic and Environmental Issues

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

GEOL 291 Special Topics (1-3 crs)

Geologic topics of current, special interest; includes field excursions.

Repeat: Course may be repeated

GEOL 301 Earth Resources (3 crs)

Prerequisite: GEOL 106, or GEOL 110, or GEOL 115, or GEOL 118 or GEOL 130 and GEOL 131; or GEOG 101, or GEOG 104.

Origin, distribution, use, misuse, and conservation of minerals, water, soil, and fuels. Alternative resources and lifestyles for the future are evaluated.

Attributes: GE IID Natural Science-Geology, LE-K1 Natural Sciences, LE-R3 Civic and Environmental Issues, Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOL 303 Rocky Mountain Field Studies (3 crs)

Prerequisite: Previous course in GEOL.

Consent: Instructor Consent Required

Field study of geologic features and processes in the Rocky Mountains. One week lecture and laboratory on UW-Eau Claire campus, 10 days in the field on Rocky Mountains. Camping equipment and extensive field work (hiking) is required.

Attributes: GE IID Natural Science-Geology, LE-K1 Natural Sciences, Special Course Fee Required

Lecture/Discussion Hours: 1

Lab/Studio Hours: 4

GEOL 304 Global Environmental Change (3 crs)

Prerequisite: GEOL 106, or GEOL 110, or GEOL 115, or GEOL 118 or GEOL 130 and GEOL 131, or GEOG 101, or GEOG 104.

The composition, structure, and dynamics of the solid earth, oceans, and atmosphere are explored to understand the global geochemical and biochemical cycles that govern the natural response to environmental change on global scales.

Attributes: GE IID Natural Science-Geology, LE-I1 Integration, LE-R3 Civic and Environmental Issues

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

GEOL 308 Water Resources (3 crs)

Prerequisite: GEOL 106 or GEOL 110 or GEOL 115; or GEOG 101 or GEOG 104 or GEOG 178 or GEOG 185.

Origin, nature, distribution, movement, exploitation, and conservation of surface and subsurface waters; problems associated with development of water resources in Wisconsin and the U.S.

Attributes: GE IID Natural Science-Geology, LE-K1 Natural Sciences, LE-R3 Civic and Environmental Issues, Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOL 312 Mineralogy and Petrology I (5 crs)

Prerequisite: GEOL 106, or GEOL 110, or GEOL 115 or GEOL 118, or GEOL 130 and GEOL 131; CHEM 101, or CHEM 103, or CHEM 115.

Study of minerals and rocks with an emphasis on common rocks in field settings, hand sample identification, and description of common rocks and minerals. Origin of rocks and minerals and interpretation of processes is stressed.

Attributes: Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 4

GEOL 313 Mineralogy and Petrology II (4 crs)

Prerequisite: GEOL 312

Study of igneous, sedimentary, and metamorphic rocks and minerals with an emphasis on laboratory and petrographic analysis.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 4

GEOL 315 Hydrogeology I (4 crs)

Prerequisite: GEOL 106, or GEOL 110, or GEOL 115, or GEOL 118, or GEOL 130 and GEOL 131; MATH 112, or MATH 114, or MATH 215.

The hydrologic cycle, runoff and streamflow, saturated groundwater flow, contaminant transport, geology of groundwater occurrence, aquifer characterization, groundwater flow to wells, hydrogeologic field techniques, groundwater flow and contaminant transport computer modeling, groundwater development and management.

Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 3

GEOL 320 Sedimentology and Stratigraphy (4 crs)

Prerequisite: GEOL 312

Origin and evolution of sedimentary rocks, with emphasis on sedimentary processes, stratigraphic principles, and basin evolution.

Attributes: Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

GEOL 330 Structural Geology (4 crs)

Prerequisite: GEOL 312

The description and classification of geological structures and the theoretical and physical analysis of rock deformation. Field and laboratory techniques emphasize mapping and the tectonic analysis of geological structures.

Attributes: Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

GEOL 336 Introduction to Geochemistry (3 crs)

Prerequisite: GEOL 312; CHEM 104 or CHEM 115.

Application of chemistry to geologic problems. Principles of isotope geochemistry, thermodynamics, chemistry of natural waters, and computer modeling of geochemical systems.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOL 337 Analytical Geochemistry Laboratory (1 cr)

Prerequisite: GEOL 336 or concurrent registration.

Theory and application of geochemical instrumentation including x-ray diffraction, x-ray microanalysis, scanning electron microscopy, atomic absorption spectrometry, mass spectrometry, and neutron activation analysis.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 0

Lab/Studio Hours: 2

GEOL 343 Geological Field Excursion (1-2 crs)

Prerequisite: One GEOL course.

Extended travel to study field geology. Students record notes and data in the field and submit final written and/or oral reports. Special course fee to cover costs. Travel proposal must receive approval of department faculty.

Attributes: GE IID Natural Science-Geology, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated for a maximum of 4 credits

Grading Basis: A-F Grades Only

GEOL 345 Geomorphology and Aerial Photography Interpretation (3 crs)

Prerequisite: GEOL 312 or GEOG 304.

A process-oriented analysis of landforms and applied geomorphology. Interpretation of landforms using topographic maps and aerial photographs will be emphasized. Communicating scientific material to expert audiences also will be stressed.

Attributes: Field Trip(s) Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

GEOL 350 Engineering Geology (3 crs)

Prerequisite: GEOL 106, GEOL 110, GEOL 115, or GEOL 118; MATH 114. No credit if taken after GEOL 445/GEOL 645.

Application of geologic principles to civil and environmental engineering, site analysis, and assessment and mitigation of natural hazards.

Attributes: Field Trip(s) Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

GEOL 365 Economic Mineral Deposits (3 crs)

Prerequisite: GEOL 312

Origin, association, and exploitation of metallic and nonmetallic mineral deposits. Study of ore suites from selected mining districts and methods of evaluating ore deposits.

Attributes: Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

GEOL 390 Geologic Immersion Experience (1-4 crs)

Consent: Instructor Consent Required

Project-based, field intensive geologic immersion experience focusing on the physical, biologic, geomorphic, and tectonic evolution of a geologic province and on societal interaction with the geologic setting.

Attributes: Foreign Culture, GE IID Natural Science-Geology, Lab Science, Service-Learning Optional Half, Field Trip(s) Required, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated for a maximum of 8 credits

Grading Basis: A-F Grades Only

GEOL 395 Directed Studies (1-3 crs)

Consent: Department Consent Required

- *Use of this course to fulfill department capstone experience requires department approval. See department office for Capstone Proposal form.*

Individual research or study for the advanced geology major who seeks to develop specialized knowledge and skills. Course proposals are student-initiated.

Repeat: Course may be repeated

GEOL 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Individual research or studies of distinctive nature.

Repeat: Course may be repeated

GEOL 416 Hydrogeology II (4 crs)

Prerequisite: GEOL 315

Review of principles of groundwater flow and contaminant transport, reactive groundwater contamination, groundwater remediation, chemical evolution of natural groundwater, flow in the unsaturated zone, advanced groundwater flow and contaminant transport computer modeling, water law.

Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

GEOL 418 Earth History (4 crs)

Prerequisite: GEOL 312 and GEOL 320.

Origin and evolution of the earth, with emphasis on the physical, biologic, and tectonic history of the planet. Analysis of the concepts of geologic time and biologic evolution. Concentration on geologic field relations and determination of relative geologic history.

Attributes: Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

GEOL 420 Glacial Geology (3 crs)

Prerequisite: GEOL 106, or GEOL 110, or GEOL 115, or GEOL 118, or GEOL 130 and GEOL 131; MATH 112, or MATH 114, or MATH 215.

A process-oriented analysis of glacial landforms and sediments. Topographic maps, aerial photographs, and field mapping projects will be used to interpret glacial landforms, sediments, and to solve glacial geologic problems.

Attributes: Field Trip(s) Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

GEOL 445 Engineering Geology and Geophysics (5 crs)

Prerequisite: GEOL 312; PHYS 211 or PHYS 231; MATH 114 or consent of instructor.

Application of geological and geophysical principles to solve human problems. Discussion of soil and rock mechanics, slope stability, earthquake analysis and seismic planning, and geophysical techniques including seismic, gravity, magnetic, electrical, and electromagnetic surveying.

Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required

Lecture/Discussion Hours: 4

Lab/Studio Hours: 2

GEOL 461 Applied Geophysics (4 crs)

Prerequisite: GEOL 106, GEOL 110, GEOL 115, or GEOL 118; MATH 114; PHYS 211 or PHYS 231. No credit if taken after GEOL 445/ GEOL 645.

Acquisition, processing, and interpretation of geophysical data including seismic, gravity, magnetic, GPR, resistivity, and electromagnetic methods.

Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

GEOL 468 Computers in Geology (1 cr)

Prerequisite: GEOL 320

Introduction to digital techniques in geological sciences. Emphasis is on computer graphics and application of Geographic Information Systems to analysis and presentation of geologic data.

Attributes: Field Trip(s) Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

GEOL 470 Field Geology I (3 crs)

Prerequisite: GEOL 312, GEOL 320, and GEOL 468.

Consent: Instructor Consent Required

- *Three week field course in west Texas and New Mexico.*

Introduction to geologic mapping techniques, with an emphasis on construction of geologic maps and cross-sections in mildly deformed sedimentary and volcanic rocks.

Attributes: LE-11 Integration, LE-S3 Creativity, Special Course Fee Required

GEOL 471 Field Geology II (3 crs)

Prerequisite: GEOL 330 and GEOL 470.

Consent: Instructor Consent Required

- *Use of this course to fulfill department capstone experience requires department approval. See department office for Capstone Proposal form. Three-week field course in southwestern Montana.*

Introduction to advanced geologic field techniques, with an emphasis on construction of geologic maps and cross-sections in deformed plutonic, volcanic, metamorphic, and sedimentary rocks.

Attributes: Special Course Fee Required

GEOL 491 Advanced Special Topics (1-4 crs)

Prerequisite: Limited to geology majors and minors.

Topics of special interest and current relevance to the advanced geology student; includes field excursions. Topics vary.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

GEOL 498 Geology Internship (1-6 crs)

Prerequisite: GEOL 312. Minimum grade point average of 2.5. Minimum sophomore standing.

Consent: Department Consent Required

Provides supervised on-the-job experience in a geologically-related area of interest.

Attributes: Internship

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No Auditors

GEOL 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

GEOL 515 Hydrogeology I (4 crs)

Prerequisite: GEOL 106, or GEOL 110, or GEOL 115, or GEOL 118, or GEOL 130 and GEOL 131; MATH 112, or MATH 114, or MATH 215.

Consent: Instructor Consent Required

- *Cross-listed with GEOL 315. Credit may not be earned in both courses.*

The hydrologic cycle, runoff and streamflow, saturated groundwater flow, contaminant transport, geology of groundwater occurrence, aquifer characterization, groundwater flow to wells, hydrogeologic field techniques, groundwater flow and contaminant transport computer modeling, groundwater development and management.

Attributes: Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 3

GEOL 536 Introduction to Geochemistry (3 crs)

Prerequisite: GEOL 312; CHEM 104 or CHEM 115.

Consent: Instructor Consent Required

- *Cross-listed with GEOL 336. Credit may not be earned in both courses.*

Application of chemistry to geologic problems. Principles of isotope geochemistry, thermodynamics, chemistry of natural waters, and computer modeling of geochemical systems.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOL 537 Analytical Geochemistry Laboratory (1 cr)

Prerequisite: GEOL 336/GEOL 536 or concurrent registration.

Consent: Instructor Consent Required

- *Cross-listed with GEOL 337. Credit may not be earned in both courses.*

Theory and application of geochemical instrumentation including x-ray diffraction, x-ray microanalysis, scanning electron microscopy, atomic absorption spectrometry, mass spectrometry, and neutron activation analysis.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 0

Lab/Studio Hours: 2

GEOL 616 Hydrogeology II (4 crs)

Prerequisite: GEOL 315/GEOL 515

Consent: Instructor Consent Required

- *Cross-listed with GEOL 416. Credit may not be earned in both courses.*

Review of principles of groundwater flow and contaminant transport, reactive groundwater contamination, groundwater remediation, chemical evolution of natural groundwater, flow in the unsaturated zone, advanced groundwater flow and contaminant transport computer modeling, water law.

Attributes: Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

GEOL 645 Engineering Geology and Geophysics (5 crs)

Prerequisite: GEOL 312; PHYS 211 or PHYS 231; MATH 114 or consent of instructor.

Consent: Instructor Consent Required

- *Cross-listed with GEOL 445. Credit may not be earned in both courses.*

Application of geological and geophysical principles to solve human problems. Discussion of soil and rock mechanics, slope stability, earthquake analysis and seismic planning, and geophysical techniques including seismic, gravity, magnetic, electrical, and electromagnetic surveying.

Attributes: Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 2

GEOL 661 Applied Geophysics (4 crs)

Prerequisite: GEOL 106, GEOL 110, GEOL 115, or GEOL 118; MATH 114; PHYS 211 or PHYS 231. No credit if taken after GEOL 445/GEOL 645.

- *Cross-listed with GEOL 461. Credit may not be earned in both courses.*

Acquisition, processing, and interpretation of geophysical data including seismic, gravity, magnetic, GPR, resistivity, and electromagnetic methods.

Attributes: Field Trip(s) Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

GEOL 691 Advanced Special Topics (1-4 crs)

Consent: Instructor Consent Required

- *Cross-listed with GEOL 491.*

Topics of special interest and current relevance to the advanced geology student; includes field excursions. Topics vary.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

GEOL 793 Directed Studies (1-4 crs)

Consent: Instructor Consent Required

Permits groups of students to study topical areas in an intensive way under the direction of department faculty members.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

GEOL 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Independent study projects under direction of faculty members.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

German (GERM)

GERM 101 Beginning German (4 crs)

Prerequisite: Placement test required.

A foundation in listening, speaking, reading, writing, and culture.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

GERM 102 Beginning German (4 crs)

Prerequisite: GERM 101 or suitable placement score on German Placement Exam.

Continuation of German 101. A foundation in listening, speaking, reading, writing, and culture.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

GERM 201 Intermediate German I (4 crs)

Prerequisite: GERM 102 or suitable placement score on German Placement Exam.

Review of standard German grammar and vocabulary with focus on the development of speaking, writing, reading, and listening skills. Students gain an understanding of German culture, literature, and current events through a variety of topics.

Attributes: GE IA Communication-Language Arts, LE-R2 Global Perspectives

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

GERM 202 Intermediate German II (4 crs)

Prerequisite: GERM 201 or suitable placement score on German Placement Exam.

Continuation of German 201.

Attributes: GE IA Communication-Language Arts, LE-R2 Global Perspectives

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

GERM 250 Study Abroad Orientation (1 cr)

Prerequisite: Acceptance into Study Abroad Program in Germany.

Preparation for study abroad in Germany.

Grading Basis: S/U Only Grade Basis

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

GERM 313 Grammar Review and Composition (3 crs)

Prerequisite: GERM 202 or equivalent.

- *Course may be taken once at UW-Eau Claire and once during study abroad.*

Continued development and refinement of structural language skills through review of German morphology, syntax, vocabulary, and style.

Attributes: Foreign Culture, GE IA Communication-Language Arts

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GERM 314 Oral Proficiency (3 crs)

Prerequisite: GERM 202 or equivalent.

This course focuses on the advanced-level language functions of the ACTFL Proficiency Guidelines (American Council on the Teaching of Foreign Languages), including conversing, narrating, describing in paragraph-length discourse.

Attributes: Foreign Culture, GE IA Communication-Language Arts

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GERM 315 German for Professional Communication I (3 crs)

Prerequisite: GERM 202 or equivalent.

This course focuses on the development of practical language skills and functional competence in a German-speaking professional environment. Course language is German. (In sequence with German 316 leading to examination for International Business German Certificate.)

Attributes: Foreign Culture

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GERM 316 German for Professional Communication II (3 crs)

Prerequisite: GERM 315

Study and practice of communication in a German business environment, both in speaking and writing. After this course a student may elect to take the internationally recognized exam, "Zertifikat Deutsch für den Beruf."

Attributes: Foreign Culture

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GERM 325 The German Sound System (3 crs)

Prerequisite: GERM 313 or consent of instructor.

Theory of the German sound system and intensive practice of German pronunciation and intonation. Course language is German.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GERM 340 Introduction to Reading German Literature (3 crs)

Prerequisite: Fluency at the 300 level or consent of instructor.

- *To be taught only in the study abroad program in Germany.*

Intensive practice in reading (and in speaking and writing about) progressively more challenging literary texts in prose. Introduction to literary forms and genres. Introduction to literary analysis and literary history.

Attributes: Foreign Culture, GE IVD Humanities-Literature

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GERM 358 Introduction to Translation (2 crs)

Prerequisite: GERM 313 or GERM 315.

A practically oriented introduction into the craft of translation, with intensive practice of text translation, mainly from German to English. Discussion of translation techniques and some readings of translation theory.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

GERM 363 Modern Germany: Literature, History, Culture (3 crs)

Prerequisite: One German course at the 300-level, or permission of the instructor.

Combines German history survey 1889-1989, including work on contemporary images and documents, with close reading of literary/cultural texts and close attention to students' professional development in reading, writing, listening, speaking, translating. Course language is German.

Attributes: Foreign Culture, GE IVD Humanities-Literature, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GERM 395 Directed Studies (1-3 crs)

Consent: Department Consent Required

- A total of no more than six credits of directed study courses may be counted toward graduation.

Study of a problem or special area in German language, culture, or literature.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

GERM 399 Independent Study - Juniors (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

GERM 413 Structure of German in Contrast (3 crs)

Prerequisite: GERM 313 or GERM 315.

The course aims to refine students' proficiency in the German language as well as to further students' "conscious" mastery of German through a comparative/contrastive analysis with English.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GERM 480 Seminar in German Culture and Civilization I, pre-1848 (3 crs)

Prerequisite: GERM 363, or permission of instructor.

- Recommended to be taken after study abroad.

An umbrella seminar focusing in-depth on an aspect, topic, or theme of the literature, culture, history, language and/or civilization of German-speaking peoples before 1848. Course language is German.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GERM 482 Seminar in German Culture and Civilization II, post-1848 (3 crs)

Prerequisite: GERM 363, or permission of instructor.

An umbrella seminar focusing in-depth on an aspect, topic, or theme of the literature, culture, history, language, and/or civilization of German-speaking countries after 1848.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GERM 491 Special Topics (1-3 crs)

Prerequisite: GERM 313 or GERM 315 or consent of instructor.

In-depth study of a special area of language, culture, history, or literature. Topics and credits will vary depending on interests of students and faculty.

Repeat: Course may be repeated for a maximum of 9 credits

GERM 499 Independent Study - Seniors (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

GERM 525 The German Sound System (3 crs)

Prerequisite: GERM 313 or consent of instructor.

- Cross-listed with GERM 325. Credit may not be earned in both courses.

Theory of the German sound system and intensive practice of German pronunciation and intonation. Course language is German.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GERM 558 Introduction to Translation (2 crs)

Prerequisite: GERM 313 or GERM 315.

- *Cross-listed with GERM 358. Credit may not be earned in both courses.*

A practically oriented introduction into the craft of translation, with intensive practice of text translation, mainly from German to English. Discussion of translation techniques and some readings of translation theory.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

GERM 563 Modern Germany: Literature, History, Culture (3 crs)

Prerequisite: One German course at the 300-level, or permission of the instructor.

- *Cross-listed with GERM 363.*

Combines German history survey 1889-1989, including work on contemporary images and documents, with close reading of literary/cultural texts and close attention to students' professional development in reading, writing, listening, speaking, translating. Course language is German.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GERM 595 Directed Studies (1-3 crs)

Consent: Department Consent Required

- *Cross-listed with GERM 395.*

Study of a problem or special area in German language, culture, or literature.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

GERM 613 Structure of German in Contrast (3 crs)

Prerequisite: GERM 313 or GERM 315.

- *Cross-listed with GERM 413. Credit may not be earned in both courses.*

The course aims to refine students' proficiency in the German language as well as to further students' "conscious" mastery of German through a comparative/contrastive analysis with English.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GERM 680 Seminar in German Culture and Civilization I, pre-1848 (3 crs)

Prerequisite: GERM 363, or permission of instructor.

- *Cross-listed with GERM 480. Recommended to be taken after study abroad.*

An umbrella seminar focusing in-depth on an aspect, topic, or theme of the literature, culture, history, language and/or civilization of German-speaking peoples before 1848. Course language is German.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GERM 682 Seminar in German Culture and Civilization II, post-1848 (3 crs)

Prerequisite: GERM 363, or permission of instructor.

- *Cross-listed with GERM 482.*

An umbrella seminar focusing in-depth on an aspect, topic, or theme of the literature, culture, history, language, and/or civilization of German-speaking countries after 1848.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GERM 797 Independent Study (1-3 crs)

Consent: Instructor Consent Required

Independent study projects under direction of faculty members.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

Greek (GRK)

GRK 101 Beginning Classical Greek (4 crs)

Introduction to the Classical Greek language, with emphasis on grammar, analytic, and translation skills. The course will serve as an introduction to ancient Greek culture and its impacts on modern, western European and American civilizations.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

GRK 102 Beginning Classical Greek (4 crs)

Prerequisite: GRK 101

Continuation of Greek 101.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

GRK 201 Intermediate Classical Greek I (2-4 crs)

Prerequisite: GRK 102

Review of Classical Greek grammar and vocabulary with focus on translation skills. Students will gain a developed understanding of ancient Greek culture and its impact.

Attributes: GE IA Communication-Language Arts

Repeat: Course may be repeated for a maximum of 4 credits

Health Care Administration (HCAD)

HCAD 101 Introduction to Health Services Administration (1 cr)

Prerequisite: Maximum class juniors. Not available for seniors.

Survey of the field of health and aging services and the functions of various administrative roles. Provides experiences upon which to base decisions about health services administration as a career.

Attributes: Field Trip(s) Required
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

HCAD 222 Multidisciplinary Perspectives on Aging (3 crs)

This course presents a multidisciplinary overview of critical issues related to aging. Research and theory supplement an exploration of issues and career opportunities in gerontology, from both research and service provider orientations.

Attributes: GE V University Wide, LE-R3 Civic and Environmental Issues, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HCAD 291 Special Topics (1-3 crs)

Consent: Instructor Consent Required

A variable content course consisting of topics of special interest to students and faculty that are not covered in other health care administration courses.

Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 1-3
Lab/Studio Hours: 0

HCAD 299 Independent Study (1-3 crs)

Consent: Department Consent Required

Independent study projects under the direction of a faculty member.

Repeat: Course may be repeated

HCAD 301 Foundations of Quality Management Systems in Health Service (3 crs)

Prerequisite: HCAD 101, IDIS 201. Limited to health care administration majors.

- HCAD undergraduate students in their last fall on campus are eligible to enroll. Special course fee for criminal background check required of all HCAD practicum students.

An exploration of the technical, managerial and organizational issues that are important in understanding and implementing quality management systems in health service organizations.

Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HCAD 302 Leadership and Management Practices in Health Services (3 crs)

Prerequisite: HCAD 101. Limited to health care administration or environmental public health majors.

- HCAD undergraduate students in their last spring on campus or ENPH junior status or above undergraduate and graduate students are eligible to enroll.

An exploration of necessary administrative skills of health services leadership including: strategic planning; quality management; financial management; human resources management; government relations; marketing; and the ability to apply these concepts within a health system.

Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HCAD 375 Fundamentals of Health Care Finance (3 crs)

Prerequisite: ACCT 201; ECON 103 and ECON 104; IS 240. Limited to health care administration majors.

Students will learn financial decision making techniques: i.e., planning, control, budgeting, time value of money, etc., used to meet a health care organization's goals and objectives to provide ongoing and quality services for its clientele.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HCAD 400 Fundamental Field Experience Skills I (3 crs)

Prerequisite: HCAD 301 and HCAD 302. HCAD 420 concurrent enrollment. Limited to HCAD majors.

- This course has a special course fee for practice certification and assessment exams.

Practicum Hours: 3 credit hours; approximately 40 hours per week in the field The student undertakes prescribed activities and rotations with defined experiences and learning goals to develop a basic understanding of operational, regulatory, and environmental stands of resident service departments and functions.

Attributes: Service-Learning, Full 30 Hours, Internship, Special Course Fee Required
Grading Basis: S/U Only Grade Basis

HCAD 401 Fundamental Field Experience Skills II (6 crs)

Prerequisite: HCAD 400. HCAD 403, HCAD 404, HCAD 405 and HCAD 421 concurrent enrollment. Limited to HCAD majors.

- Limited to HCAD majors in the practicum year.

Practicum Hours: 6 credit hours; approximately 40 hours per week in the field Building on previous skills, the student continues participation in prescribed activities and rotations with defined experiences and learning goals to further understanding of operational, regulatory, and environmental standards of resident service departments and functions.

Attributes: Service-Learning, Full 30 Hours, Internship
Grading Basis: S/U Only Grade Basis

HCAD 402 Fundamental Field Experience Skills III (6 crs)

Prerequisite: HCAD 401. HCAD 406, HCAD 407, HCAD 408, HCAD 422 concurrent enrollment. Limited to HCAD majors.

- Limited to HCAD majors in the practicum year.

Practicum Hours: 6 credit hours; approximately 40 hours per week in the field. Building on previous skills, the student continues participation in prescribed activities and rotations with defined experiences and learning goals to achieve competency in required operational, regulatory, and environmental standards of resident service departments and functions.

Attributes: LE-11 Integration, Service-Learning, Full 30 Hours, Internship
Grading Basis: A-F Grades Only

HCAD 403 Resident Service Management (1 cr)

Prerequisite: HCAD 401 concurrent enrollment. Limited to HCAD majors.

- Limited to HCAD majors in the practicum year. This is an online course and requires access to a computer and the internet while completing the practicum.

Exposes the student to the responsibility of administration to translate concepts of patient care into policies and procedures, which ultimately impacts the quality of care and service.

Attributes: Service-Learning, Full 30 Hours, HCAD Program Fee

HCAD 404 Quality Management in Health Care (1 cr)

Prerequisite: HCAD 401 concurrent enrollment. Limited to HCAD majors.

- Limited to HCAD majors in the practicum year. This is an online course and requires access to a computer and the internet while completing the practicum.

Students gain an awareness of quality management principles and practices in health care settings and learn how to use various quality tools for effective problem identification and solving.

Attributes: Service-Learning, Full 30 Hours, HCAD Program Fee

HCAD 405 Health Services Human Resources Management (1 cr)

Prerequisite: HCAD 401 concurrent enrollment. Limited to HCAD majors.

- Limited to HCAD majors in the practicum year. This is an online course and requires access to a computer and the internet while completing the practicum.

Students learn the basic goals and principles of human resources, understand the driving forces of human resource outcomes, and gain an awareness for the application of human resources practices in health care today.

Attributes: Service-Learning, Full 30 Hours, HCAD Program Fee

HCAD 406 Information Use and Systems (1 cr)

Prerequisite: HCAD 402 concurrent enrollment. Limited to HCAD majors.

- Limited to HCAD majors in the practicum year. This is an online course and requires access to a computer and the internet while completing the practicum.

Students develop an understanding of how to identify, prioritize, and use data and information to help them strategically manage a health and aging services organization.

Attributes: Service-Learning, Full 30 Hours, HCAD Program Fee

HCAD 407 Financial Management in Health Care (1 cr)

Prerequisite: HCAD 402 concurrent enrollment. Limited to HCAD majors.

- Limited to HCAD majors in the practicum year. This is an online course and requires access to a computer and the internet while completing the practicum.

Students apply the basic and overall principles of financial management to the operation of a health and aging services organization, and learn the key areas of budgeting and reimbursement.

Attributes: Service-Learning, Full 30 Hours, HCAD Program Fee

HCAD 408 Marketing and Public Relations in Health Services (1 cr)

Prerequisite: HCAD 402 concurrent enrollment. Limited to HCAD majors.

- Limited to HCAD majors in the practicum year. This is an online course and requires access to a computer and the internet while completing the practicum.

Students are exposed to the basic goals and principles of an effective marketing and public relations program in health care and participate in the application of a variety of marketing strategies.

Attributes: Service-Learning, Full 30 Hours, HCAD Program Fee

HCAD 411 Cultural Competency and Globalization (1 cr)

Prerequisite: HCAD 301 and HCAD 302. Limited to HCAD majors.

- Limited to HCAD majors in the practicum year. This is an online course and requires access to a computer and the internet while completing the practicum.

Students develop cultural competency in providing health services to people of diverse backgrounds and effectively managing a diverse workforce, as well as gain an understanding of immigration issues and the globalization of healthcare.

Attributes: Cultural Diversity 1 cr., HCAD Program Fee

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

HCAD 412 Professional Ethics and Advocacy (1 cr)

Prerequisite: HCAD 301 and HCAD 302. Limited to HCAD majors.

- Limited to HCAD majors in the practicum year. This is an online course and requires access to a computer and the internet while completing the practicum.

Students will develop an understanding of professional standards for health care administrators. They will also learn how to use political advocacy to affect policy change so they can better serve the population's health care needs.

Attributes: HCAD Program Fee

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

HCAD 413 Health Care Rules and Regulations (1 cr)

Prerequisite: HCAD 301 and HCAD 302. Limited to HCAD majors.

- Limited to HCAD majors in the practicum year. This is an online course and requires access to a computer and the internet while completing the practicum.

Students develop an understanding of the current laws, rules and regulations that impact long-term care organizations. Students will learn strategies for proactively managing an organization within the context of a regulatory environment.

Attributes: HCAD Program Fee

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

HCAD 420 Health Care Administration Professional Development (3 crs)

Prerequisite: HCAD 301 and HCAD 302. HCAD 400 concurrent enrollment.

Limited to HCAD majors.

- Limited to HCAD majors in the practicum year. This is an online course and requires access to a computer and the internet while completing the practicum.

The initial focus is on the practice of personal self examination, including the development of strengths and the awareness of limitations. Students will also gain an understanding of the necessary professional functions and skills to successfully serve in an administrative role in a health care organization.

Attributes: HCAD Program Fee

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HCAD 421 Fundamental Health Care Management Competencies (3 crs)

Prerequisite: HCAD 420. HCAD 401 concurrent enrollment. Limited to HCAD majors.

- Limited to HCAD majors in the practicum year. This is an online course and requires access to a computer and the internet while completing the practicum.

This course will examine in-depth the management competencies necessary to successfully operate a health care organization. Students will explore their own level of ability in each of these critical areas of management and begin to focus on their own enhanced management proficiency.

Attributes: HCAD Program Fee

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HCAD 422 Strategic Health Care Leadership Practices (3 crs)

Prerequisite: HCAD 421. HCAD 402 concurrent enrollment. Limited to HCAD majors.

- Limited to HCAD majors in the practicum year. This is an online course and requires access to a computer and the internet while completing the practicum.

Emphasis is on the development and execution of the key strategic leadership practices required of organizational leaders. Students will practice their leadership expertise with selected projects. Additionally, they will learn from their shared experiences with their practicum cohort.

Attributes: LE-11 Integration, LE-S3 Creativity, HCAD Program Fee

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HCAD 491 Special Topics (1-3 crs)

Consent: Instructor Consent Required

A variable content course consisting of advanced topics of special interest to students and faculty that are not covered in other health care administration courses.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

HCAD 495 Directed Studies (1-3 crs)

Consent: Instructor Consent Required

Permits groups of students to pursue a defined, organized study of a topic under the direction of a department of public health professions staff member.

Repeat: Course may be repeated

HCAD 499 Independent Study (1-3 crs)

Consent: Department Consent Required

Independent study projects under the direction of a faculty member.

Repeat: Course may be repeated

HCAD 501 Foundations of Quality Management Systems in Health Service (3 crs)

Prerequisite: HCAD 101, IDIS 201.

Consent: Instructor Consent Required

- Cross-listed with HCAD 301. Credit may not be earned in both courses. HCAD undergraduate students in their last fall on campus are eligible to enroll. Special course fee for criminal background check required of all HCAD practicum students.

An exploration of the technical, managerial and organizational issues that are important in understanding and implementing quality management systems in health service organizations.

Attributes: Field Trip(s) Required, Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HCAD 502 Leadership and Management Practices in Health Services (3 crs)

Prerequisite: HCAD 101

Consent: Instructor Consent Required

- Cross-listed with HCAD 302. Credit may not be earned in both courses. HCAD undergraduate students in their last spring on campus or ENPH junior status or above undergraduate and graduate students are eligible to enroll.

An exploration of necessary administrative skills of health services leadership including: strategic planning; quality management; financial management; human resources management; government relations; marketing; and the ability to apply these concepts within a health system.

Attributes: Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HCAD 691 Special Topics (1-3 crs)

Consent: Instructor Consent Required

- *Cross-listed with HCAD 491.*

A variable content course consisting of advanced topics of special interest to students and faculty that are not covered in other health care administration courses.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

History (HIST)

HIST 102 Western Civilization Since 1660 (3 crs)

"Modernization" of Western civilization. Special attention to development of modern states, advances in scientific thinking, industrialization, French Revolution, nationalism, two World Wars, Russian Revolution, fascism, and Europe's relations with other areas of the world.

Attributes: Foreign Culture, GE IVC Humanities-History

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 114 United States History to 1877 (3 crs)

Survey from colonial settlement through the Civil War and Reconstruction. Provides a basis for better understanding of American political, institutional, economic, social, and intellectual development.

Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 115 United States History Since 1877 (3 crs)

Survey with emphasis on concepts and topics considered essential to an understanding of institutions and issues of public concern today.

Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 124 World History to 1500 (3 crs)

How global processes such as the spread of agriculture, the growth of long-distance commerce, the rise of cities, the establishment of empires, and the development of religions shaped the lives of men and women from 10,000 B.C.E. to 1500 C.E.

Attributes: Foreign Culture, GE IVC Humanities-History, LE-K3 Humanities, LE-R2 Global Perspectives

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 125 World History Since 1500 (3 crs)

A global history of humankind. Emphasis on the growth of international commerce, the rise and fall of empires, industrialization and deindustrialization, and changes in types of governance, belief systems, gender structures, and the environment.

Attributes: Foreign Culture, GE IVC Humanities-History, LE-K3 Humanities, LE-R2 Global Perspectives

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 152 Modern East and Southeast Asia (3 crs)

A survey of modern Asian history from around 1600 to the present focusing on Chinese, Japanese, and Hmong people, with attention to cultural, social, and political history.

Attributes: Foreign Culture, GE IVC Humanities-History, LE-K3 Humanities, LE-R2 Global Perspectives

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 205 American Women's History (3 crs)

- *Credit may not be earned in both HIST 205 and WMNS 205.*

A survey of the history of women from precolumbian America to the present. Provides a basis for understanding the historical experience of women from diverse cultural origins including Native American, African American, Asian American, Latin American, and Euro American women.

Attributes: Cultural Diversity 3 cr., GE IVC Humanities-History, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 210 African American History 1865 to Present (3 crs)

Course includes information on lynching, the Civil Rights Movement, and race relations.

Attributes: Cultural Diversity 3 cr., GE IVC Humanities-History, LE-DDIV Design for Diversity, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 212 Hmong and America (3 crs)

This course will trace the history of Hmong peoples from China through the war in Laos to America and the newer diasporas.

Attributes: Cultural Diversity 3 cr., GE IVC Humanities-History

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 240 American Indian History (3 crs)

• Credit may not be earned in both HIST 240 and AIS 240.

An introduction to the history of the native peoples of the United States with major emphasis upon European contact, the mutual interaction of European and American Indian cultures, and the resulting adaptations and conflicts.

Attributes: Cultural Diversity 3 cr., GE IVC Humanities-History, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 280 History Travel Seminar (1-6 crs)

• No more than three credits may be applied to the liberal arts major. No credits may be applied to the teaching major.

An opportunity for students to visit the locations of an historical event or period. Extensive reading and orientation sessions required prior to departure. Specific locales will change depending on student and faculty interest.

Attributes: GE IVC Humanities-History
Repeat: Course may be repeated for a maximum of 6 credits

HIST 284 The Nazis and Germany, 1914-1945 (3 crs)

Background, emergence, and totalitarian practices of National Socialism in Germany.

Attributes: Foreign Culture, GE IVC Humanities-History, LE-K3 Humanities, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 286 History of World War II (3 crs)

Overview of the World War II era, ca. 1933-1945, examining root causes, conduct, and outcomes of the war from a world perspective.

Attributes: Foreign Culture, GE IVC Humanities-History
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 288 Introduction to Research Methods and the Profession (3 crs)

Prerequisite: Limited to history majors and minors and broadfield social studies-history majors.

Introduces students to the study of history as a scholarly discipline and as a foundation for careers. Identifies theories, concepts, methodologies, and historiographic traditions used by historians. Assignments will enhance research, writing, oral communications, bibliographic and statistical skills.

Attributes: Field Trip(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 292 Origins of Current World Conflicts (3 crs)

Topical course exploring historical origins of current world conflicts. Causes and forms of conflict include evolution of human rights, ethnic-racial and class divisions, imperialism and decolonization, nationalism, political ideologies, total war, terrorism and comparative revolutions. Film Night Required.

Attributes: Foreign Culture, GE IVC Humanities-History, LE-I1 Integration, LE-R2 Global Perspectives, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 302 Ancient Near Eastern Civilizations (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

In-depth survey of the political, social, and cultural history of ancient Mesopotamia, Egypt, Syro-Palestine, Anatolia, and Iran from the rise of cities to Alexander the Great.

Attributes: GE IVC Humanities-History, LE-K3 Humanities, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 304 Greek Civilization (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

A history of the Greeks beginning with the Bronze Age and continuing through the Alexandrian or Hellenistic period. Stress on cultural contributions of each successive period.

Attributes: GE IVC Humanities-History, LE-K3 Humanities, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 306 Roman Civilization (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

A history of the Romans beginning with the Etruscan civilization after 1000 B.C. and continuing through the Empire Age to the end of the third century.

Attributes: GE IVC Humanities-History, LE-K3 Humanities, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 308 Ancient Historiography (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

In-depth examination of the works of selected ancient historians, their methodology, purpose, and place in the tradition.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 309 Latin America Through Independence (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

- *Credit may not be earned in both HIST 309 and LAS 309.*

Pre-Columbian background, establishment of Spanish and Portuguese empires and institutions in the New World, and the struggle for independence.

Attributes: GE IVC Humanities-History, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 311 Latin America Since Independence (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

- *Credit may not be earned in both HIST 311 and LAS 311.*

Political, economic, and cultural development from independence to present. Primary emphasis on Mexico and Brazil.

Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 313 Gender, Sex, and Science in European History (3 crs)

Prerequisite: Six credits of history and/or women's studies, or junior standing, or consent of the instructor.

- *Credit may not be earned in both HIST 313 and WMNS 313.*

This course examines recent scholarship in European history on gender, sexuality, science, and the body. It focuses on the historical construction of gender and sexuality, the gendering of science, inclusion/exclusion in academic and scientific work.

Attributes: Foreign Culture, GE IVC Humanities-History, LE-R1 Equity, Diversity, and Inclusivity, LE-R2 Global Perspectives, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 315 The Age of Reformation (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

Religious movements of sixteenth century; their relationship to medieval heresies and political, intellectual, social movements of sixteenth and seventeenth centuries.

Attributes: GE IVC Humanities-History, LE-K3 Humanities, LE-R2 Global Perspectives, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 317 Studies in the History of Race in the U.S. (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

- *Departmental permission required after course is taken for three credits.*

Selected topics in the history of U.S. racial/ethnic minorities. Topics can include aspects of Asian American, African American, and/or Latino American history. Consult class schedule or department office for current offering.

Attributes: Cultural Diversity 3 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 318 Studies in the History of European and Mediterranean Worlds (3 crs)

Prerequisite: Six credits of history courses, or junior standing, or consent of the instructor.

- *Department permission is required after course is taken for three credits.*

Selected topics in the history of European and Mediterranean worlds. Topics may focus on a particular time period, region/nation, or historical process. Consult class schedule or department office for current offering.

Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 319 Studies in Comparative, Transnational and Pacific World History (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

- *Departmental permission required after course is taken for three credits.*

Selected topics in comparative and transnational history or the history of regions bordering the Pacific Ocean. Topics may focus on a particular time period, region, or historical process. Consult class schedule or department office for current offering.

Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 320 Studies in the History of the Americas (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of the instructor.

- *Department permission required after course is taken for three credits.*

Selected topics in the history of the Americas. Topics may focus on a particular time period, region/nation, or historical process. Consult class schedule or department office for current offering.

Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 324 Nineteenth Century Europe, 1815-1914 (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

The development of European civilization in the nineteenth century. Special attention is given to the social, economic, intellectual, and religious history of the period between 1815 and 1914.

Attributes: GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 325 History and Memory in Europe (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor. No credit if taken after HIST 393/ HIST 593 when taken as History and Memory in Central Europe.

Introduction to the study of collective memory, with particular emphasis on Europe. Themes vary based on instructor, but may include collective memories and nationalism, imperialism, World War I & World War II, the Holocaust, Cold War, and Post-Communist experience.

Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 326 Twentieth Century Europe, 1900 to Present (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

Political, economic, intellectual, and social developments in major European states. Special attention to the two World Wars, Russian Revolution, fascism, Cold War, Europe's loss of overseas power, World War II, and postwar integration.

Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 327 Preparatory Study for Central European Travel Seminar (1-4 crs)

Prerequisite: Minimum resident GPA of 2.30. Minimum sophomore standing. No credit if taken after INTA 316 or HIST 280. Consent: Instructor Consent Required

Prepares students for INTA 316, the Central European Travel Seminar held during summer session. Students will study the history of Central and Eastern Europe. Historical perspectives for allied disciplines include Art History, Historical Geography, and Music History.

Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering, Field Trip(s) Required
Grading Basis: A-F Grades Only

HIST 330 Colonial America (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

Colonial period, with emphasis upon origins and development of social, economic, and political institutions.

Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 332 The Era of the American Revolution (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

Conflicting forces which produced breakdown of Anglo-American political system, war years, social and political readjustment, and framing of new governments.

Attributes: GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 334 Early Nationalism and Jacksonian Democracy (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

The outer history of this period is dominated by the relentless spread of the American republic to the Pacific by 1848; the inner history is one of the spread of markets and capitalist relations. Andrew Jackson dominates this period. The course will attempt to make connections between the life of Jackson and the great social forces that permanently changed the country.

Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 336 Sectionalism, Civil War, and Reconstruction (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

America's most bitter and bloody war. Focus on three topics: why the war broke out when it did; how the Union won the war and destroyed a slave society; and why, after winning the war, the North lost the peace of Reconstruction.

Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 338 America in Transition, 1877-1917 (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

Industrial growth, the farmers' revolt, economic depression, the Spanish-American War, Imperialism and Progressive Reform to World War I.

Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 342 Recent US History (1945-Present) (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

America in 1945, "Cold War," Eisenhower years, violent 1960s, Vietnam War, Watergate, Carter Presidency, Reagan Presidency.

Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 344 African American Civil Rights Movement, 1914-Present (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

African American civil rights movement activity focusing on organized and unorganized responses to discrimination in the twentieth century.

Attributes: Cultural Diversity 3 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 345 Civil Rights and American Memory (3 crs)

This course explores the public memory of the civil rights movement through class lecture, discussion and participation in UW-Eau Claire's Civil Rights Pilgrimage. Students will examine the importance of individual agency, historical contingency, and social change.

Attributes: Cultural Diversity 3 cr., GE IVC Humanities-History, LE-DDIV Design for Diversity, LE-I1 Integration, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required Varies by Term/Section

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 346 American Environmental History (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

- *Credit may not be earned in both ENV 346 and HIST 346. No credit if taken after HIST 491 when offered as American Environmental History.*

Examines interactions between human societies and the natural world in what is now the United States. Through readings and several field trips students will learn the essential elements of American Environmental History.

Attributes: GE IVC Humanities-History, LE-K3 Humanities, Undergraduate/Graduate Offering, Field Trip(s) Required

Lab/Studio Hours: 0

Seminar Hours: 3

HIST 358 The American West (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

Frontier movement, problems, procedures, and attitudes of frontier areas, and influence of the West.

Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 360 Modern France (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

Social, political, and cultural development of France from the French Revolution of 1789 to the present. Topics include industrialization, civil society, democratization, art and society, World War I and II, French imperialism, women and gender.

Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 362 Modern Germany (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

Since 1848, with emphasis on Bismarckian, Wilhelminian, Weimar, Nazi, and postwar period.

Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 366 History of Middle East Since Muhammad (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

The world in which Islam began, the spread of Islam out of the Arabian Peninsula, the emergence of Islamic Empires, European contact, colonialism, and the emergency of Modern Middle Eastern nations.

Attributes: Foreign Culture, GE IVC Humanities-History, LE-I1 Integration, LE-R2 Global Perspectives, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 368 Studies in American Indian History (1-3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

- Course may be repeated when topic differs for a maximum of nine credits.
Consult Class Schedule or department office for current offering.

Selected topics depending on student and staff interests. Possible topics include the history of Wisconsin Indians and American Indians in the twentieth century.

Attributes: Cultural Diversity Variable, GE IVC Humanities-History, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 9 credits

HIST 369 Wisconsin Indian History (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

- Credit may not be earned in both HIST 369 and AIS 369.

Study of American Indian communities in Wisconsin with emphasis on the mix of continuity and change in response to outside forces.

Attributes: Cultural Diversity 3 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 370 History of the Family in America (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

- No credit if taken after WMNS 470.

Evolution of the American family from colonial times to the present. Emphasis on child raising, gender roles, the economic function of the family, the emergence of adolescence, the importance of kinship, and marriage practices.

Attributes: GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 371 History of the Modern Balkans (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

The political, social, and economic developments including cultural and ethnic diversity and conflicts in Albania, Bosnia, Bulgaria, Croatia, Greece, Macedonia, Moldava, Romania, Slovenia, and Yugoslavia.

Attributes: GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 373 American Women's History to 1870 (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

- Credit may not be earned in both HIST 373 and WMNS 373.

Examines the history of black, white, and red women, including gender politics; women as the co-creators of culture; changes related to education, religion, work, sexuality, and marriages; and women and revolution and war.

Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 375 Twentieth Century Russia (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

Russia in the twentieth century, emphasizing the factors contributing to revolution in 1917 and the emergence of the Soviet Union as a world power.

Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 376 World War I and II Military (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

Explores World Wars I and II from the perspective of professional military history. Emphasizes strategy, tactics, decision-making, and battle history. The role of culture's influence on strategy is discussed.

Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 377 American War in the Post 1945 World (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

American involvement in the Korean and Vietnam conflicts, military policy in between wars, Desert Shield/Desert Storm, and the home front impact of war. Emphasizes the daily lives of combatants.

Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 378 American Women's History Since 1870 (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

- Credit may not be earned in both HIST 378 and WMNS 378.

Explores women's relationship to the economy and to political movements; changing ideals of womanhood; the demographic and sexual revolutions; and class, race, ethnic, and regional variations in women's experience.

Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 379 History of Modern East Europe (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

Political, social, and economic developments including cultural and ethnic diversity and conflicts in the lands between West Europe and Russia: Poland, Czech Republic, Slovakia, Hungary, the Baltic States, and the Ukraine.

Attributes: GE IVC Humanities-History, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 380 Museums in the United States (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of the instructor.

Examines the history of the museum in the United States, particularly in the evolution of the role and function of museums over time. The impact of past practices on contemporary institutions is emphasized.

Attributes: GE IVC Humanities-History, LE-K3 Humanities, LE-S3 Creativity, Undergraduate/Graduate Offering, Field Trip(s) Required

Lab/Studio Hours: 0

Seminar Hours: 3

HIST 381 Comparative Genocide (3 crs)

Prerequisite: Six credits in history, or junior standing, or the consent of the instructor.

Examines the causes and implementation of genocide as well as strategies for preventing and combating genocidal hatred, especially through international law and institutions. Cases examined will be drawn from multiple time periods and global locations.

Attributes: Foreign Culture, GE IVC Humanities-History, LE-K2 Social Sciences, LE-R2 Global Perspectives, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 382 Imperialism Since 1800 (3 crs)

Prerequisite: Six credits in history, or junior standing, or consent of instructor.

Examines the complex history of empire-building overseas, concentrating upon the era of "high" imperialism from the mid-nineteenth century through to the present. Particular focus on issues of race, gender and culture.

Attributes: Foreign Culture, GE IVC Humanities-History, LE-K3 Humanities, LE-R2 Global Perspectives, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 383 Modern Africa (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

Examines the major components of Modern African history. Among topics for study are African civilizations, European contact, slavery, colonialism, independence movements, African nationalism as well as more recent political, social, cultural and economic change.

Attributes: Foreign Culture, GE IVC Humanities-History, LE-K3 Humanities, LE-R2 Global Perspectives, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 384 The Vietnam War (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

- *No credit if credit has been earned in POLS 384.*

Examination of the conflicts in Vietnam, 1945-1975. Topics include: Vietnam in history, French colonial rule, nationalism and communism in Vietnam, U.S. policies, the debates of the war, and the legacy of the war.

Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 385 The History of Middle Eastern Muslim Women (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

- *Credit may not be earned in both HIST 385 and WMNS 385.*

Examines the lives of Middle Eastern Muslim women, and the ways in which people have represented them, from the seventh through the twentieth centuries. Considers feminist, historicist, and post-modern interpretations.

Attributes: GE IVC Humanities-History, LE-I1 Integration, LE-R2 Global Perspectives, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 386 Introduction to Public History (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

This course will introduce students to the theory and practice of a variety of history-related pursuits known collectively as public history because they are primarily aimed at audiences outside the university. Students will learn about a range of career options available to public historians, as well as the special challenges that they confront.

Attributes: GE IVC Humanities-History, LE-I1 Integration, LE-R3 Civic and Environmental Issues, Service-Learning, Half 15 Hours, Undergraduate/Graduate Offering, Field Trip(s) Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 387 Marco Polo's World, 1250-1350 (3 crs)

Prerequisite: Six credits of history including HIST 124.

An examination of Marco Polo's journey from Europe to China as a way of exploring the connections between Europe, the Middle East, and Asia during the Age of the Mongols.

Attributes: GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 388 History of China (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

Social, cultural, and political history of China, inclusive of women, ethnic minorities, and commoners, from the ancient period to the present.

Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 389 History of Japan (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

Social, economic, political, and intellectual development of Japan: emergence of Japanese civilization, the Heian period, the age of the samurai, the Meiji Restoration, and Japan in the twentieth century.

Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 390 Local History, Global History (3 crs)

Prerequisite: Limited to organizational leadership and communication comprehensive major, Bachelor of Professional Studies degree.

Examines the connection between the history of Wisconsin and the broad forces of global history. Topics include first peoples, expansion of world trade, colonization, long-distance immigration, the development of new societies, and globalization.

Attributes: Foreign Culture, GE IVC Humanities-History, LE-K3 Humanities, LE-R2 Global Perspectives, BPS Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 393 Roots of Selected Contemporary World Problems (1-5 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

- *May be repeated when topic differs.*

Selected world problems depending on student interest and staff. Number of credits assigned will vary according to the nature of the topic. Consult Class Schedule or department office for current offering.

Attributes: GE IVC Humanities-History, Undergraduate/Graduate Offering
Repeat: Course may be repeated

HIST 394 Studies in the History of Women (1-3 crs)

Selected aspects depending on student interest and staff. Number of credits assigned will vary according to nature of topic. Possible topics include a survey of entire history of women in Western world or women in American history. Consult Class Schedule or department office for current offering.

Attributes: GE IVC Humanities-History, Undergraduate/Graduate Offering
Repeat: Course may be repeated

HIST 395 Directed Studies (1-3 crs)

Consent: Department Consent Required

Study of historical problem or topic.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated

HIST 396 Research Apprenticeship in History (1-3 crs)

Consent: Department Consent Required

Qualified students, recruited and supervised by an instructor, engage in original research in collaboration with the instructor. Research methods and current status of historical knowledge are applied to create new knowledge.

Repeat: Course may be repeated for a maximum of 3 credits
Grading Basis: A-F Grades Only

HIST 397 Student Academic Apprenticeship in History (1-3 crs)

Prerequisite: Minimum junior standing. Minimum resident GPA of 3.30.

Consent: Department Consent Required

Qualified students work under the close supervision of faculty to tutor students. If students complete a content-based project related to a course in which they tutor, they can earn a letter grade. Otherwise, they will be graded on an S/U basis.

Attributes: Service-Learning, Full 30 Hours
Repeat: Course may be repeated for a maximum of 3 credits

HIST 399 Independent Study - Juniors (1-3 crs)

Consent: Department Consent Required

Intensive study of topic resulting in a quality research paper or report.

Attributes: Service-Learning Optional
Repeat: Course may be repeated

HIST 401 Public History in England (3 crs)

Consent: Instructor Consent Required

- *Open only to students participating in the Harlaxton Summer Study Abroad Program.*

In this course, students are introduced to historic preservation and interpretation as they are carried out in England. The course is conducted on site through a CIE Summer Program based at Harlaxton College.

Attributes: Foreign Culture, GE IVC Humanities-History, LE-R2 Global Perspectives, LE-R3 Civic and Environmental Issues, Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 480 History of Wisconsin (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

Political, economic, and social development.

Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 486 Seminar in Public History (3 crs)

Prerequisite: HIST 386

The seminar in public history is organized around completing a project in a particular field in the discipline. Students will conduct research and complete a written seminar paper that will serve as a part of a larger class product.

Attributes: Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering, Field Trip(s) Required

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 489 Research Seminar (3 crs)

Prerequisite: 21 credits in history including HIST 288. Limited to history and broadfield social studies-history majors. Instructor consent required.

Consent: Instructor Consent Required

Capstone experience in which the students complete a major research project for presentation to the class and evaluation by the history faculty. The project will reflect the writing, reading, and analytical skills that the students have developed in the history major.

Attributes: LE-S3 Creativity, Service-Learning Optional, Capstone Course

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 491 Special Topics (1-3 crs)

Topics will vary depending on interest of students and faculty. Topics may be specific themes or eras of history.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required

Varies by Term/Section

Repeat: Course may be repeated for a maximum of 9 credits

HIST 492 Honors Seminar in History (3 crs)

Prerequisite: Limited to history majors. Minimum resident and total GPA of 3.50. Minimum senior standing.

Consent: Department Consent Required

Intensive study of selected problems. Exact topics covered will vary according to particular interests of professor, degree of preparedness of students, and availability of materials.

Repeat: Course may be repeated

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 496 Honors Independent Study (1-3 crs)

Prerequisite: Limited to history majors. Minimum resident and total GPA of 3.50. Minimum senior standing.

Consent: Department Consent Required

Involves independent reading with regular conferences between student and faculty member, or a research paper with similar regular conferences.

Repeat: Course may be repeated

HIST 498 Internship (1-3 crs)

Prerequisite: HIST 386 or consent of instructor. 24 credits in history. Limited to history majors.

Consent: Department Consent Required

- *Only three credits may count towards major.*

Supervised assignment to museum, archives, historical site, public agency, or private business for practical experience in the work of public historians. Work will build on and be related to research skills and historical knowledge developed in other history courses.

Attributes: Service-Learning, Full 30 Hours, Internship

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: S/U Only Grade Basis

HIST 499 Independent Study - Seniors (1-3 crs)

Consent: Department Consent Required

Intensive study of topic resulting in a quality research paper or report.

Attributes: Service-Learning Optional

Repeat: Course may be repeated

HIST 502 Ancient Near Eastern Civilizations (3 crs)

- Cross-listed with HIST 302. Credit may not be earned in both courses.

In-depth survey of the political, social, and cultural history of ancient Mesopotamia, Egypt, Syro-Palestine, Anatolia, and Iran from the rise of cities to Alexander the Great.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 504 Greek Civilization (3 crs)

- Cross-listed with HIST 304. Credit may not be earned in both courses.

A history of the Greeks beginning with the Bronze Age and continuing through the Alexandrian or Hellenistic period. Stress on cultural contributions of each successive period.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 506 Roman Civilization (3 crs)

- Cross-listed with HIST 306. Credit may not be earned in both courses.

A history of the Romans beginning with the Etruscan civilization after 1000 B.C. and continuing through the Empire Age to the end of the third century.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 508 Ancient Historiography (3 crs)

- Cross-listed with HIST 308. Credit may not be earned in both courses.

In-depth examination of the works of selected ancient historians, their methodology, purpose, and place in the tradition.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 509 Latin America Through Independence (3 crs)

- Cross-listed with HIST 309 and LAS 309/LAS 509. Credit may only be earned in one of these courses.

Pre-Columbian background, establishment of Spanish and Portuguese empires and institutions in the New World, and the struggle for independence.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 511 Latin America Since Independence (3 crs)

- Cross-listed with HIST 311 and LAS 311/LAS 511. Credit may only be earned in one of these courses.

Lab/Hours: 0 Political, economic, and cultural development from independence to present. Primary emphasis on Mexico and Brazil.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3

HIST 513 Gender, Sex, and Science in European History (3 crs)

- Cross-listed with HIST 313 and WMNS 313/WMNS 513. Credit may only be earned in one of these courses.

This course examines recent scholarship in European history on gender, sexuality, science, and the body. It focuses on the historical construction of gender and sexuality, the gendering of science, inclusion/exclusion in academic and scientific work.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 515 The Age of Reformation (3 crs)

- Cross-listed with HIST 315. Credit may not be earned in both courses.

Religious movements of sixteenth century; their relationship to medieval heresies and political, intellectual, social movements of sixteenth and seventeenth centuries.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 517 Studies in the History of Race in the U.S. (3 crs)

- Cross-listed with HIST 317. Departmental permission required after course is taken for three credits.

Selected topics in the history of U.S. racial/ethnic minorities. Topics can include aspects of Asian America, African American, and/or Latino American history. Consult class schedule or department office for current offering.

Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 518 Studies in the History of European and Mediterranean Worlds (3 crs)

- Cross-listed with HIST 318. Department permission is required after course is taken for three credits.

Selected topics in the history of European and Mediterranean worlds. Topics may focus on a particular time period, region/nation, or historical process. Consult class schedule or department office for current offering.

Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 519 Studies in Comparative, Transnational and Pacific World History (3 crs)

- Cross-listed with HIST 319. Departmental permission required after course is taken for three credits.

Selected topics in comparative and transnational history or the history of regions bordering the Pacific Ocean. Topics may focus on a particular time period, region, or historical process. Consult class schedule or department office for current offering.

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 520 Studies in the History of the Americas (3 crs)

- Cross-listed with HIST 320. Departmental permission required after course is taken for three credits.

Selected topics in the history of the Americas. Topics may focus on a particular time period, region/nation, or historical process. Consult class schedule or department office for current offering.

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 524 Nineteenth Century Europe, 1815-1914 (3 crs)

- Cross-listed with HIST 324. Credit may not be earned in both courses.

The development of European civilization in the nineteenth century. Special attention is given to the social, economic, intellectual, and religious history of the period between 1815 and 1914.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 525 History and Memory in Europe (3 crs)

Prerequisite: No credit if taken after HIST 393/HIST 593 when offered as History and Memory in Central Europe.

- Cross-listed with HIST 325. Credit may not be earned in both courses.

Introduction to the study of collective memory, with particular emphasis on Europe. Themes vary based on instructor, but may include collective memories and nationalism, imperialism, World War I & World War II, the Holocaust, Cold War, and Post-Communist experience.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 526 Twentieth Century Europe, 1900 to Present (3 crs)

- Cross-listed with HIST 326. Credit may not be earned in both courses.

Political, economic, intellectual, and social developments in major European states. Special attention to the two World Wars, Russian Revolution, fascism, Cold War, Europe's loss of overseas power, World War II, and postwar integration.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 527 Preparatory Study for Central European Travel Seminar (1-4 crs)

Prerequisite: No credit if taken after INTA 316 or HIST 280.

Consent: Instructor Consent Required

- Cross-listed with HIST 327.

Prepares students for INTA 316, the Central European Travel Seminar held during summer session. Students will study the history of Central and Eastern Europe. Historical perspectives for allied disciplines include Art History, Historical Geography, and Music History.

Attributes: Field Trip(s) Required

Grading Basis: A-F Grades Only

HIST 530 Colonial America (3 crs)

- Cross-listed with HIST 330. Credit may not be earned in both courses.

Colonial period, with emphasis upon origins and development of social, economic, and political institutions.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 532 The Era of the American Revolution (3 crs)

- Cross-listed with HIST 332. Credit may not be earned in both courses.

Conflicting forces which produced breakdown of Anglo-American political system, war years, social and political readjustment, and framing of new governments.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 534 Early Nationalism and Jacksonian Democracy (3 crs)

- Cross-listed with HIST 334. Credit may not be earned in both courses.

The outer history of this period is dominated by the relentless spread of the American republic to the Pacific by 1848; the inner history is one of the spread of markets and capitalist relations. Andrew Jackson dominates this period. The course will attempt to make connections between the life of Jackson and the great social forces that permanently changed the country.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 536 Sectionalism, Civil War, and Reconstruction (3 crs)

• Cross-listed with HIST 336. Credit may not be earned in both courses.

America's most bitter and bloody war. Focus on three topics: why the war broke out when it did; how the Union won the war and destroyed a slave society; and why, after winning the war, the North lost the peace of Reconstruction.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 538 America in Transition, 1877-1917 (3 crs)

• Cross-listed with HIST 338. Credit may not be earned in both courses.

Industrial growth, the farmers' revolt, economic depression, the Spanish-American War, Imperialism and Progressive Reform to World War I.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 542 Recent US History (1945-Present) (3 crs)

• Cross-listed with HIST 342. Credit may not be earned in both courses.

America in 1945, "Cold War," Eisenhower years, violent 1960s, Vietnam War, Watergate, Carter Presidency, Reagan Presidency.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 544 African American Civil Rights Movement, 1914-Present (3 crs)

• Cross-listed with HIST 344. Credit may not be earned in both courses.

African American civil rights movement activity focusing on organized and unorganized responses to discrimination in the twentieth century.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 545 Civil Rights and American Memory (3 crs)

• Cross-listed with HIST 345. Credit may not be earned in both courses.

This course explores the public memory of the civil rights movement through class lecture, discussion and participation in UW-Eau Claire's Civil Rights Pilgrimage. Students will examine the importance of individual agency, historical contingency, and social change.

Attributes: Special Course Fee Required Varies by Term/Section

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 546 American Environmental History (3 crs)

• Cross-listed with HIST 346 and ENV 346/ENV 546. Credit may only be earned in one of these courses. No credit if taken after HIST 491 when offered as American Environmental History.

Examines interactions between human societies and the natural world in what is now the United States. Through readings and several field trips students will learn the essential elements of American Environmental History.

Attributes: Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lab/Studio Hours: 0

Seminar Hours: 3

HIST 558 The American West (3 crs)

• Cross-listed with HIST 358. Credit may not be earned in both courses.

Frontier movement, problems, procedures, and attitudes of frontier areas, and influence of the West.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 560 Modern France (3 crs)

• Cross-listed with HIST 360. Credit may not be earned in both courses.

Social, political, and cultural development of France from the French Revolution of 1789 to the present. Topics include industrialization, civil society, democratization, art and society, World War I and II, French imperialism, women and gender.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 562 Modern Germany (3 crs)

• Cross-listed with HIST 362. Credit may not be earned in both courses.

Since 1848, with emphasis on Bismarckian, Wilhelmian, Weimar, Nazi, and postwar period.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 566 History of Middle East Since Muhammad (3 crs)

• Cross-listed with HIST 366. Credit may not be earned in both courses.

The world in which Islam began, the spread of Islam out of the Arabian Peninsula, the emergence of Islamic Empires, European contact, colonialism, and the emergency of Modern Middle Eastern nations.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 568 Studies in American Indian History (1-3 crs)

• *Cross-listed with HIST 368 and AIS 368/AIS 568. Course may be repeated when topic differs for a maximum of nine credits. Consult Class Schedule or department office for current offering.*

Selected topics depending on student and staff interests. Possible topics include the history of Wisconsin Indians and American Indians in the twentieth century.

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: No S/U Grade Option

HIST 569 Wisconsin Indian History (3 crs)

• *Cross-listed with HIST 369 and AIS 369/AIS 569. Credit may only be earned in one of these courses.*

Study of American Indian communities in Wisconsin with emphasis on the mix of continuity and change in response to outside forces.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 570 History of the Family in America (3 crs)

• *Cross-listed with HIST 370. Credit may not be earned in both courses. No credit if taken after WMNS 470.*

Evolution of the American family from colonial times to the present. Emphasis on child raising, gender roles, the economic function of the family, the emergence of adolescence, the importance of kinship, and marriage practices.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 571 History of the Modern Balkans (3 crs)

• *Cross-listed with HIST 371. Credit may not be earned in both courses.*

The political, social, and economic developments including cultural and ethnic diversity and conflicts in Albania, Bosnia, Bulgaria, Croatia, Greece, Macedonia, Moldavia, Romania, Slovenia, and Yugoslavia.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 573 American Women's History to 1870 (3 crs)

• *Cross-listed with HIST 373 and WMNS 373/WMNS 573. Credit may only be earned in one of these courses.*

Examines the history of black, white, and red women, including gender politics; women as the co-creators of culture; changes related to education, religion, work, sexuality, and marriages; and women and revolution and war.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 575 Twentieth Century Russia (3 crs)

• *Cross-listed with HIST 375. Credit may not be earned in both courses.*

Russia in the twentieth century, emphasizing the factors contributing to revolution in 1917 and the emergence of the Soviet Union as a world power.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 576 World War I and II Military (3 crs)

• *Cross-listed with HIST 376. Credit may not be earned in both courses.*

Explores World Wars I and II from the perspective of professional military history. Emphasizes strategy, tactics, decision-making, and battle history. The role of culture's influence on strategy is discussed.

Attributes: Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 577 American War in the Post 1945 World (3 crs)

• *Cross-listed with HIST 377. Credit may not be earned in both courses.*

American involvement in the Korean and Vietnam conflicts, military policy in between wars, Desert Shield/Desert Storm, and the home front impact of war. Emphasizes the daily lives of combatants.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 578 American Women's History Since 1870 (3 crs)

• *Cross-listed with HIST 378 and WMNS 378/WMNS 578. Credit may only be earned in one of these courses.*

Explores women's relationship to the economy and to political movements; changing ideals of womanhood; the demographic and sexual revolutions; and class, race, ethnic, and regional variations in women's experience.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 579 History of Modern East Europe (3 crs)

• *Cross-listed with HIST 379. Credit may not be earned in both courses.*

Political, social, and economic developments including cultural and ethnic diversity and conflicts in the lands between West Europe and Russia: Poland, Czech Republic, Slovakia, Hungary, the Baltic States, and the Ukraine.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 580 Museums in the United States (3 crs)

- Cross-listed with HIST 380. Credit may not be earned in both courses.

Examines the history of the museum in the United States, particularly the evolution of the role and function of museums over time. The impact of past practices on contemporary institutions is emphasized.

Attributes: Field Trip(s) Required
Grading Basis: No S/U Grade Option
Lab/Studio Hours: 0
Seminar Hours: 3

HIST 581 Comparative Genocide (3 crs)

- Cross-listed with HIST 381. Credit may not be earned in both courses.

Examines the causes and implementation of genocide as well as strategies for preventing and combating genocidal hatred, especially through international law and institutions. Cases examined will be drawn from multiple time periods and global locations.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 582 Imperialism Since 1800 (3 crs)

- Cross-listed with HIST 382. Credit may not be earned in both courses.

Examines the complex history of empire-building overseas, concentrating upon the era of "high" imperialism from the mid-nineteenth century through to the present. Particular focus on issues of race, gender and culture.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 583 Modern Africa (3 crs)

- Cross-listed with HIST 383. Credit may not be earned in both courses.

Examines the major components of Modern African history. Among topics for study are African civilizations, European contact, slavery, colonialism, independence movements, African nationalism as well as more recent political, social, cultural and economic change.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 584 The Vietnam War (3 crs)

- Cross-listed with HIST 384. Credit may not be earned in both courses. No credit if credit has been earned in POLS 384/POLS 584.

Examination of the conflicts in Vietnam, 1945-1975. Topics include: Vietnam in history, French colonial rule, nationalism and communism in Vietnam, U.S. policies, the debates of the war, and the legacy of the war.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 585 The History of Middle Eastern Muslim Women (3 crs)

- Cross-listed with HIST 385 and WMNS 385/WMNS 585. Credit may only be earned in one of these courses.

Examines the lives of Middle Eastern Muslim women, and the ways in which people have represented them, from the seventh through the twentieth centuries. Considers feminist, historicist, and post-modern interpretations.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 586 Introduction to Public History (3 crs)

- Cross-listed with HIST 386. Credit may not be earned in both courses.

This course will introduce students to the theory and practice of a variety of history-related pursuits known collectively as public history because they are primarily aimed at audiences outside the university. Students will learn about a range of career options available to public historians, as well as the special challenges that they confront.

Attributes: Field Trip(s) Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 587 Marco Polo's World, 1250-1350 (3 crs)

- Cross-listed with HIST 387. Credit may not be earned in both courses.

An examination of Marco Polo's journey from Europe to China as a way of exploring the connections between Europe, the Middle East, and Asia during the Age of the Mongols.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 588 History of China (3 crs)

- Cross-listed with HIST 388. Credit may not be earned in both courses.

Social, cultural, and political history of China, inclusive of women, ethnic minorities, and commoners, from the ancient period to the present.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 589 History of Japan (3 crs)

- Cross-listed with HIST 389. Credit may not be earned in both courses.

Social, economic, political, and intellectual development of Japan: emergence of Japanese civilization, the Heian period, the age of the samurai, the Meiji Restoration, and Japan in the twentieth century.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 593 Roots of Selected Contemporary World Problems (1-5 crs)

- Cross-listed with HIST 393. May be repeated when topic differs.

Selected world problems depending on student interest and staff. Number of credits assigned will vary according to the nature of the topic. Consult Class Schedule or department office for current offering.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

HIST 594 Studies in the History of Women (1-3 crs)

- Cross-listed with HIST 394 and WMNS 394/WMNS 594.

Selected aspects depending on student interest and staff. Number of credits assigned will vary according to nature of topic. Possible topics include a survey of entire history of women in Western world or women in American history. Consult Class Schedule or department office for current offering.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

HIST 595 Directed Studies (1-3 crs)

Consent: Department Consent Required

- Cross-listed with HIST 395.

Study of historical problem or topic.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

HIST 601 Public History in England (3 crs)

Consent: Instructor Consent Required

- Cross-listed with HIST 401. Credit may not be earned in both courses. Open only to students participating in the Harlaxton Summer Study Abroad Program.

In this course, students are introduced to historic preservation and interpretation as they are carried out in England. The course is conducted on site through a CIE Summer Program based at Harlaxton College.

Attributes: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 680 History of Wisconsin (3 crs)

- Cross-listed with HIST 480. Credit may not be earned in both courses.

Political, economic, and social development.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 686 Seminar in Public History (3 crs)

Prerequisite: HIST 386/HIST 586

- Cross-listed with HIST 486.

The seminar in public history is organized around completing a project in a particular field in the discipline. Students will conduct research and complete a written seminar paper that will serve as a part of a larger class product.

Attributes: Field Trip(s) Required
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 691 Special Topics (1-3 crs)

- Cross-listed with HIST 491.

Topics will vary depending on interest of students and faculty. Topics may be specific themes or eras of history.

Attributes: Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: No S/U Grade Option

HIST 701 Readings in European History (3 crs)

Familiarizes students with major issues of historical debate in the field by reading a book per week or commensurate articles. Term paper summarizing and evaluating views on a specific issue is shared with other students.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 703 Readings in World History (3 crs)

Familiarizes students with major issues of historical debate in the field by reading a book per week or commensurate articles. Term paper summarizing and evaluating views on a specific issue is shared with other students.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HIST 705 Studies in History for Teachers (1-3 crs)

- Only three credits may count toward graduate-only credit.

A concentrated study of an historical topic for one or more weeks, depending on number of credits for which course is offered.

Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option

HIST 707 Reading Historical Texts (1-3 crs)

Consent: Instructor Consent Required

Readings of historical texts in-translation or original language.

Repeat: Course may be repeated for a maximum of 3 credits

Grading Basis: No S/U Grade Option

HIST 711 Readings in U.S. History (3 crs)

Familiarizes students with major issues of historical debate in the field by reading a book per week or commensurate articles. Term paper summarizing and evaluating views on a specific issue is shared with other students.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 715 Colloquium in History (3 crs)

Various topics are offered as indicated in the current Class Schedule. Emphasizes mastery of major secondary literature. A paper treating the literature on a specific subject is required.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 719 Readings in Area of Thesis (3 crs)

Prerequisite: Nine graduate credits of history.

Consent: Instructor Consent Required

Independent study format. Reading in depth in area of concentration for thesis or research paper. Thesis/research paper adviser is instructor. Culminates in presentation of prospectus to thesis committee.

Grading Basis: No S/U Grade Option

HIST 725 Seminar in History (3 crs)

Various topics are offered as indicated in the schedule of classes. Introduces students to secondary literature on a topic as preparation for research in original sources leading to the writing of a paper to be presented to the class.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 790 Internship in Public History (1-3 crs)

Prerequisite: HIST 586 or consent of instructor, nine credits of graduate work in history.

Consent: Department Consent Required

Supervised assignment to museum, archives, historical site, or other agency for working experience as a public historian. Work will apply research skills and knowledge of history to help solve community problems.

Attributes: Internship

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

HIST 793 Current Trends in History (3 crs)

Examines the emergence of history as a profession, major subfields today within the discipline of history, methodologies and models currently influencing the work of historians, and dominant issues presently engaging the attention of historians.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 795 Research Paper (1-3 crs)

Prerequisite: HIST 719

Repeat: Course may be repeated

Grading Basis: PR Only Grade Basis

HIST 796 Public History Thesis Practicum (1-3 crs)

Prerequisite: HIST 586; HIST 686; three credits in HIST 799 or concurrent enrollment in HIST 799

Consent: Instructor Consent Required

Practicum course designed to allow students to develop a public audience for their original research and to develop working experience as a public historian. In combination with HIST 799, this course constitutes a public history thesis option.

Grading Basis: PR Only Grade Basis

HIST 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

HIST 799 Thesis (1-6 crs)

Prerequisite: HIST 719

• *Full-time equivalent.*

A description of acceptable topics and the precise nature of the thesis requirement is provided in the departmental program descriptions.

Repeat: Course may be repeated

Grading Basis: PR Only Grade Basis

Hmong (HMNG)

HMNG 101 Beginning Hmong I (4 crs)

An introduction to Hmong language and culture. Students will gain a basic understanding of the Hmong language structure in writing, reading, grammar, and vocabulary and be exposed to Hmong traditions and customs.

Attributes: Cultural Diversity 3 cr., GE IA Communication-Language Arts, Field Trip(s) Required

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

HMNG 102 Beginning Hmong II (4 crs)

Prerequisite: HMNG 101

Continuation of Hmong Language I. Study of grammar and culture with emphasis on reading, writing, speaking, and listening skills. Students gain greater understanding and appreciation of Hmong culture, literature, and current events through a variety of topics.

Attributes: Cultural Diversity 3 cr., GE IA Communication-Language Arts, Field Trip(s) Required

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

Honors Colloquia (HNRS)

HNRS 100 First-Year Honors Seminar (1 cr)

Prerequisite: Limited to students in the University Honors Program.

Introduction to the University and to expectations of an Honors baccalaureate degree. Explores the value of a liberal education, the skills and knowledge needed to be an educated person, the roles of the University Honors Program and university requirements.

Attributes: Honor Course

Grading Basis: A-F Grades Only

HNRS 101 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.

A course involving language, communication and/or analytical skills.

Attributes: Cultural Diversity Variable, GE IA Communication-Language Arts, Honor Course, LE-S1 Written and Oral Communication, Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

HNRS 102 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.

Focuses on topics in the natural sciences.

Attributes: Cultural Diversity Variable, GE II Natural Sciences, Honor Course, LE-K1 Natural Sciences, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 103 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.

Examines topics involving the social sciences, including anthropology, economics, cultural geography, political science, psychology, and sociology.

Attributes: Cultural Diversity Variable, GE III Social Science, Honor Course, LE-K2 Social Sciences, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 104 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.

A humanities course concerned with disciplines such as art, literature, history, music, philosophy, religious studies, and theatre arts.

Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-K3 Humanities, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 105 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.

A course with foundations in the College of Business, Education and Human Sciences, or Nursing and Health Sciences; or a course that crosses General Education categories I-IV.

Attributes: Cultural Diversity Variable, GE V University Wide, Honor Course, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 106 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.

A fine arts course concerned with the use of knowledge, historical perspectives, theories, or methods appropriate to the fine arts.

Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-K4 Fine Arts, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 107 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.

Course integrates learning across disciplines within and beyond campus.

Attributes: Cultural Diversity Variable, Honor Course, LE-I1 Integration, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 108 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.

Course focuses on diversity, equity, and inclusivity.

Attributes: Cultural Diversity Variable, Honor Course, LE-R1 Equity, Diversity, and Inclusivity, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 109 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.

Course focuses on systems, institutions, and issues in local and global contexts and across cultures.

Attributes: Cultural Diversity Variable, Honor Course, LE-R2 Global Perspectives, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 110 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.

Course focuses on civic agency, social change, or environmental.

Attributes: Cultural Diversity Variable, Honor Course, LE-R3 Civic and Environmental Issues, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 275 Honors Study Abroad Experience-Freshmen and Sophomores (1-4 crs)

Prerequisite: Limited to students in the University Honors Program. Freshman or sophomore standing.

Consent: Department Consent Required

Honors study abroad experience for freshmen and sophomores.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated for a maximum of 8 credits

Grading Basis: A-F Grades Only

HNRS 295 Honors Directed Study-Freshmen and Sophomores (1-4 crs)

Prerequisite: Limited to students in the University Honors Program. Freshman or sophomore standing.

Consent: Department Consent Required

Study of a problem or topic in collaboration with a faculty member in the discipline.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated for a maximum of 8 credits

Grading Basis: A-F Grades Only

HNRS 298 Honors Internship Experience-Freshmen and Sophomores (1-4 crs)

Prerequisite: Limited to students in the University Honors Program. Freshman or sophomore standing.

Consent: Department Consent Required

Honors internship experience for freshmen and sophomores.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated for a maximum of 8 credits

Grading Basis: A-F Grades Only

HNRS 299 Honors Independent Study-Freshmen & Sophomores (1-4 crs)

Prerequisite: Limited to students in the University Honors Program. Freshman or sophomore standing.

Consent: Department Consent Required

Individual research, scholarly, or creative projects under the supervision of a faculty member.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated for a maximum of 8 credits

Grading Basis: A-F Grades Only

HNRS 301 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.

An upper-division course involving various contexts of communication and language, including information sources and technology.

Attributes: Cultural Diversity Variable, GE IA Communication-Language Arts, Honor Course, LE-S1 Written and Oral Communication, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 302 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.

An upper-division course that focuses on topics of the natural and physical world.

Attributes: Cultural Diversity Variable, GE II Natural Sciences, Honor Course, LE-K1 Natural Sciences, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 303 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.

An upper-division course that examines topics involving the social sciences, including anthropology, economics, cultural geography, political science, psychology, and sociology.

Attributes: Cultural Diversity Variable, GE III Social Science, Honor Course, LE-K2 Social Sciences, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 304 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.

An upper-division humanities course concerned with disciplines such as history, philosophy, religious studies, and literature.

Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-K3 Humanities, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 305 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.

An upper-division course with foundations in the College of Business, Education and Human Sciences, or Nursing and Health Science; or a course that crosses liberal education categories not covered by another course.

Attributes: Cultural Diversity Variable, GE V University Wide, Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 306 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.

An upper-division humanities course concerned with use of knowledge, historical perspectives, theories, or methods appropriate to the humanities.

Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-K4 Fine Arts, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 307 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.

An upper-division course which integrates learning across disciplines within and beyond campus.

Attributes: Cultural Diversity Variable, Honor Course, LE-I1 Integration, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 308 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.

Course focuses on diversity, equity, and inclusivity.

Attributes: Cultural Diversity Variable, Honor Course, LE-R1 Equity, Diversity, and Inclusivity, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 309 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.

Course focuses on systems, institutions, and issues in local and global contexts and across cultures.

Attributes: Cultural Diversity Variable, Honor Course, LE-R2 Global Perspectives, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 310 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program. Minimum sophomore standing.

Upper-division course focuses on civic agency, social change, or environmental challenges.

Attributes: Cultural Diversity Variable, Honor Course, LE-R3 Civic and Environmental Issues, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 375 Honors Study Abroad Experience-Juniors (1-4 crs)

Prerequisite: Limited to students in the University Honors Program. Junior standing.

Consent: Department Consent Required

Honors study abroad experience for juniors.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 8 credits
Grading Basis: A-F Grades Only

HNRS 395 Honors Directed Study-Juniors (1-4 crs)

Prerequisite: Limited to students in the University Honors Program. Junior standing.

Consent: Department Consent Required

Study of a problem or topic in collaboration with a faculty member in the discipline.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated for a maximum of 8 credits

Grading Basis: A-F Grades Only

HNRS 398 Honors Internship Experience-Juniors (1-4 crs)

Prerequisite: Limited to students in the University Honors Program. Junior standing.

Consent: Department Consent Required

Honors internship experience for juniors.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated for a maximum of 8 credits

Grading Basis: A-F Grades Only

HNRS 399 Honors Independent Study-Juniors (1-4 crs)

Prerequisite: Limited to students in the University Honors Program. Junior standing.

Consent: Department Consent Required

Individual research, scholarly, or creative projects under the supervision of a faculty member.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated for a maximum of 8 credits

Grading Basis: A-F Grades Only

HNRS 400 Senior Honors Seminar (1 cr)

Prerequisite: Limited to students in the University Honors Program. Senior standing, or Department Consent Required. If repeated, the second course can count toward the required 24 credits of Honors colloquia and electives.

A capstone course that explores students' undergraduate experiences, the value of a liberal education, and the value of an Honors education. Prepares Honors students for post-graduate opportunities.

Attributes: GE IV Humanities, Honor Course, Capstone Course, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated for a maximum of 2 credits

Grading Basis: A-F Grades Only

HNRS 410 Mentoring in Honors (1 cr)

Prerequisite: HNRS 100, HNRS 400, or cnrcrrt enrllmnt in HNRS 400. Minimum jr standing. Limited to students in the University Honors Program. With permission from the Director of the University Honors Program, credit may be earned in both HNRS 410 and HNRS 420.

Consent: Department Consent Required

Assist in instruction of Hnrs 100, the First-Year Honors Seminar. Focus on the value of a baccalaureate education and on what constitutes an educated person. Open to juniors and seniors with permission of the Director of the University Honors Program.

Attributes: GE IV Humanities, Honor Course, Service-Learning, Full 30 Hours, Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

HNRS 420 Tutoring in Honors (1 cr)

Prerequisite: Minimum junior standing. Limited to students in the University Honors Program. With permission from the Director of the University Honors Program, credit may be earned in both HNRS 410 and HNRS 420.

Consent: Department Consent Required

Assist in instruction of an Honors course previously completed. Open to juniors and seniors with permission of the Director of the University Honors Program.

Attributes: GE III Social Science, Honor Course, Service-Learning, Full 30 Hours, Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

HNRS 475 Honors Study Abroad Experience-Seniors (1-4 crs)

Prerequisite: Limited to students in the University Honors Program. Senior standing.

Consent: Department Consent Required

Honors study abroad experience for seniors.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated for a maximum of 8 credits

Grading Basis: A-F Grades Only

HNRS 490 Honors Senior Thesis or Project (1-6 crs)

Prerequisite: Limited to students in the University Honors Program. Senior standing.

Consent: Department Consent Required

Research and writing/preparation of Honors Senior Thesis or Honors Senior Project.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

HNRS 495 Honors Directed Study-Seniors (1-4 crs)

Prerequisite: Limited to students in the University Honors Program. Senior standing.

Consent: Department Consent Required

Study of a problem or topic in collaboration with a faculty member in the discipline.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated for a maximum of 8 credits

Grading Basis: A-F Grades Only

HNRS 498 Honors Internship Experience-Seniors (1-4 crs)

Prerequisite: Limited to students in the University Honors Program. Senior standing.

Consent: Department Consent Required

Honors internship experience for seniors.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated for a maximum of 8 credits

Grading Basis: A-F Grades Only

HNRS 499 Honors Independent Study-Seniors (1-4 crs)

Prerequisite: Limited to students in the University Honors Program. Senior standing.

Consent: Department Consent Required

Individual research, scholarly, or creative projects under the supervision of a faculty member.

Attributes: Honor Course, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated for a maximum of 8 credits

Grading Basis: A-F Grades Only

Humanities (HUMS)

HUMS 101 Arts and Ideas in Early Modern Times (3 crs)

• *Coordinating Department: Art & Design*

An interdisciplinary course interrelating human activity in history, philosophy, the visual arts, and music during the 16th through to late eighteenth century.

Attributes: GE IVE Humanities-Interdisciplinary Studies, Special Course Fee Required Varies by Term/Section

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

HUMS 110 Hmong Civilization, Culture, and Contemporary Issues (3 crs)

• *Coordinating Department: Languages*

An interdisciplinary examination of Hmong history and culture, along with contemporary issues for the Hmong in the U.S. Topics addressed may include religion, family, traditions, health, education, and/or media.

Attributes: Cultural Diversity 3 cr., GE IVE Humanities-Interdisciplinary Studies

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HUMS 210 Voices of Color in America (3 crs)

• *Coordinating Department: English*

Examines intersections of themes and concerns expressed in music, literature, language, film, folklore, history, and art in the U.S.: American Indian, African American, Hispanic American, and Asian American, especially Hmong.

Attributes: Cultural Diversity 3 cr., GE IVE Humanities-Interdisciplinary Studies,

LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HUMS 301 Responses to Colonialism (3 crs)

Prerequisite: Minimum junior standing.

• *Coordinating Department: History*

Historical, literary, and geographical perspectives on the encounters between Europeans and the indigenous peoples of the Americas, Asia, Africa, and the Middle East since 1492. Emphasis on the dialogues between the colonizers and the colonized.

Attributes: GE IVE Humanities-Interdisciplinary Studies

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

Information Systems (IS)

IS 220 Service-Learning in Information Systems (1 cr)

Consent: Instructor Consent Required

• *No credit toward IS major.*

Provides opportunity to obtain practical experience in analysis, design, and implementation of information systems. All assignments must be completed within one calendar year (preferably one semester). Assignments outstanding longer than one year will be graded unsatisfactory.

Attributes: Service-Learning, Full 30 Hours

Grading Basis: S/U Only Grade Basis

Lecture/Discussion Hours: 0

Lab/Studio Hours: 2

IS 240 Information Systems in Business (3 crs)

Prerequisite: Minimum sophomore standing, or consent of instructor.

• *This course requires access to a laptop computer which can be brought to class when required.*

A study of information systems in business to include management decision support systems, concepts of systems analysis and design, and information processing. Students will learn to use and apply various software programs as productivity tools.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 290 Introduction to Database Applications (3 crs)

Prerequisite: No credit if taken after IS 344.

- *This course requires access to a laptop computer which can be brought to class when required.*

An introduction to database applications created by end users. Students will learn to construct a database, user interface, and reports to summarize data.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 304 Fundamentals of Business Programming (3 crs)

Prerequisite: IS 240 or consent of instructor.

- *This course requires access to a laptop computer which can be brought to class when required.*

Fundamental skills and knowledge for programming business applications including interface design, writing documentation, and using debugging tools. Procedural programming structures and design considerations and interface object use are presented in a state-of-the-art integrated development environment.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 310 Systems Analysis and Design (3 crs)

Prerequisite: IS 240

- *This course requires access to a laptop computer which can be brought to class when required.*

Introduces theory and practice of systems analysis and design. Topics include determining business requirements, documenting organizational processes, analyzing information flows, reengineering/designing information systems, and managing projects. Team project required.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 314 Business Software Engineering (3 crs)

Prerequisite: IS 304/IS 504; IS 310/IS 510 or concurrent enrollment; or consent of instructor.

- *This course requires access to a laptop computer which can be brought to class when required.*

Develops object-oriented programming skills at the intermediate level. Develops techniques of data access, input, output, and processing in a business environment using programming tools. Utilizes beginning SQL programming techniques and a state-of-the-art integrated development environment.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 320 Internship in Information Systems I (1-3 crs)

Prerequisite: IS 240. No credit if taken after IS 420. Limited to IS Majors.

Minimum sophomore standing.

Consent: Department Consent Required

- *Internship enrollment form available in IS department office.*

Initial coordinated on-the-job business experience in information systems. Gives students an opportunity to participate actively in daily business activities related to the IS major.

Attributes: LE-11 Integration, Internship, Special Course Fee Required

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 1-3

Lab/Studio Hours: 0

IS 324 Object-Oriented Systems (3 crs)

Prerequisite: IS 304, IS 310

- *This course requires access to a laptop computer which can be brought to class when required.*

An introduction to Object-Oriented Analysis, Design and Implementation language and concepts. Iterative methodologies are described. Design patterns and tiered architectures are investigated. An object-oriented system is used to illustrate the concepts.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 344 Database Management Systems (3 crs)

Prerequisite: IS 304/IS 504 and IS 310/IS 510.

- *This course requires access to a laptop computer which can be brought to class when required.*

Study of physical and logical design and structure of relational databases; overview of SQL; hands-on experience with client/server database management software. Group project required.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 345 Networking with Client Operating Systems (3 crs)

Prerequisite: IS 240.

- *This course requires access to a laptop computer which can be brought to class when required.*

Study of enterprise networking from a client operating system perspective.

Theory and practice of topics such as networking models, domains, Active Directory, domain client, desktop/user profiles, resource sharing, authentication, and network security.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 365 Information Assurance (3 crs)

Prerequisite: IS 310. Minimum junior standing.

- *This course requires access to a laptop computer which can be brought to class when required.*

Conceptual frameworks for information assurance: asset valuation, security threats, risk assessment, policy development, policy implementation, controls, business continuity planning, and disaster recovery. Communication and analytical skills are enhanced through a case-based approach.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 375 Server-based Networking & Security (3 crs)

Prerequisite: IS 345

- *This course requires access to a laptop computer which can be brought to class when required.*

Study of theory and practice of enterprise networking from a server operating system perspective. Topics include domain creation, Active Directory management and delegation, scripting, security policies, roaming profiles, access permissions, and security auditing.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 384 Advanced Design and Development (3 crs)

Prerequisite: IS 344

- *This course requires access to a laptop computer which can be brought to class when required.*

Real-world information systems design and development cases. Includes project management in real organizational contexts. Requires understanding of design and development but not expertise. Leadership development via participation in multi-skilled teams.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 391 Selected Topics in Information Systems (1-3 crs)

- *Admission to College of Business not required. Available to non-business*

students. Selected topics in information systems. Small groups will study topics selected because of a special interest in them on the part of students or faculty.

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 1-3

Lab/Studio Hours: 0

IS 399 Independent Study - Juniors (1-3 crs)

Consent: Department Consent Required

- Enrollment form available in IS department office.

Repeat: Course may be repeated

IS 410 Network and Data Security (3 crs)

Prerequisite: IS 304/IS 504 and IS 345/IS 545.

- *This course requires access to a laptop computer which can be brought to class when required.*

Addresses hardware and software fundamentals of network security including access control security, information security, and security planning and development. Develops students' working knowledge of available methods and tools for enhancing enterprise data and network security.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 420 Internship in Information Systems II (1-3 crs)

Prerequisite: Limited to IS majors admitted to College of Business.

Consent: Department Consent Required

- *IS 310/IS 510, IS 344/IS 544, and IS 345/IS 545 are recommended prior to enrollment in this course. Internship enrollment form available in IS department office.*

Coordinated on-the-job business experience in information systems. Gives students an opportunity to participate actively in daily business activities related to the IS major.

Attributes: LE-11 Integration, Undergraduate/Graduate Offering, Internship, Special Course Fee Required

Repeat: Course may be repeated for a maximum of 6 credits

IS 450 Distributed Systems Development (3 crs)

Prerequisite: IS 314 or equivalent; IS 344 and IS 345 or concurrent; or consent of instructor.

- *This course requires access to a laptop computer which can be brought to class when required.*

A study of the content, theory, and methodology of distributed systems application development. Specifically, the course covers n-tier and web-based development.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 455 Project Management (3 crs)

Prerequisite: IS 304 and IS 310. Minimum junior standing.

- *This course requires access to a laptop computer which can be brought to class when required.*

Focus on information systems projects: methodology selection, initiating, planning, executing, control and closing. Issues of time, scope, cost, quality and risk are investigated. Writing and software development skills are enhanced.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 460 Seminar in Information Systems (3 crs)

Prerequisite: IS 344 and IS 345. Limited to IS majors.

- *This course requires access to a laptop computer which can be brought to class when required. Limited to graduating seniors.*

In-depth study of current IS topics and discussion of current IS issues and trends. Includes integrated communication component and team-based information systems development project.

Attributes: Undergraduate/Graduate Offering, Capstone Course

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 475 Electronic Business (3 crs)

Prerequisite: IS 310/IS 510.

- *This course requires access to a laptop computer which can be brought to class when required.*

Basics of electronic commerce, on the Internet, electronic data interchange, electronic funds transfer, etc. Students will address current applications for a wide range of businesses.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 491 Selected Topics (1-3 crs)

Prerequisite: Minimum junior standing.

Selected topics in information systems. Small groups will study topics selected because of a special interest in them on the part of students or faculty.

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 1-3

Lab/Studio Hours: 0

IS 495 Directed Studies (1-3 crs)

Prerequisite: Limited to IS majors. Minimum junior standing.

Consent: Department Consent Required

Internship-type experiences in business situations relevant to the student's major field of study, under supervision of a faculty member.

IS 499 Independent Study - Seniors (1-3 crs)

Consent: Department Consent Required

- Enrollment form available in IS department office.

Repeat: Course may be repeated

IS 504 Fundamentals of Business Programming (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with IS 304. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.*

Fundamental skills and knowledge for programming business applications including interface design, writing documentation, and using debugging tools. Procedural programming structures and design considerations and interface object use are presented in a state-of-the-art integrated development environment.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 510 Systems Analysis and Design (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with IS 310. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.*

Introduces theory and practice of systems analysis and design. Topics include determining business requirements, documenting organizational processes, analyzing information flows, reengineering/designing information systems, and managing projects. Team project required.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 514 Business Software Engineering (3 crs)

Prerequisite: IS 304/IS 504; IS 310/IS 510 or concurrent enrollment; or consent of instructor. Limited to MBA students.

- *Cross-listed with IS 314. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.*

Develops object-oriented programming skills to the intermediate level. Develops techniques of data access, input, output, and processing in a business environment using programming tools. Utilizes beginning SQL programming techniques and a state-of-the-art integrated development environment.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 524 Object-Oriented Systems (3 crs)

Prerequisite: IS 304/IS 504 and IS 310/IS 510. Limited to MBA students.

- *Cross-listed with IS 324. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.*

An introduction to Object-Oriented Analysis, Design and Implementation language and concepts. Iterative methodologies are described. Design patterns and tiered architectures are investigated. An object-oriented system is used to illustrate the concepts.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 544 Database Management Systems (3 crs)

Prerequisite: IS 304/IS 504 and IS 310/IS 510. Limited to MBA students.

- *Cross-listed with IS 344. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.*

Study of physical and logical design and structure of relational databases; overview of SQL; hands-on experience with client/server database management software. Group project required.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 545 Networking with Client Operating Systems (3 crs)

Prerequisite: IS 304/IS 504; IS 310/IS 510 or concurrent enrollment. Limited to MBA students.

- *Cross-listed with IS 345. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.*

Study of enterprise networking from a client operating system perspective. Theory and practice of topics such as networking models, domains, Active Directory, domain client, desktop/user profiles, resource sharing, authentication, and network security.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 565 Information Assurance (3 crs)

Prerequisite: IS 310/IS 510 or ACCT 430/ACCT 630. Limited to MBA students.

- *Cross-listed with IS 365. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.*

Conceptual frameworks for information assurance: asset valuation, security threats, risk assessment, policy development, policy implementation, controls, business continuity planning, and disaster recovery. Communication and analytical skills are enhanced through a case-based approach.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 575 Server-based Networking & Security (3 crs)

Prerequisite: IS 304/IS 504 and IS 345/IS 545. Limited to MBA students.

- *Cross-listed with IS 375. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.*

Study of enterprise networking from a server operating system perspective. Theory and practice of topics such as domain creation, Active Directory management and delegation, scripting, security policies, roaming profiles, access permissions, and security auditing.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 610 Network and Data Security (3 crs)

Prerequisite: IS 304/IS 504 and IS 345/IS 545. Limited to MBA students.

- *Cross-listed with IS 410. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.*

Addresses hardware and software fundamentals of network security including access control security, information security, and security planning and development. Develops students' working knowledge of available methods and tools for enhancing enterprise data and network security.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 620 Internship in Information Systems II (1-3 crs)

Prerequisite: Limited to MBA students.

Consent: Department Consent Required

- *Cross-listed with IS 420. Full-time equivalent. IS 310/IS 510, IS 344/IS 544, and IS 345/IS 545 are recommended prior to enrollment in this course. Internship enrollment form available in IS department office.*

Coordinated on-the-job business experience in information systems. Gives students an opportunity to participate actively in daily business applications related to IS major.

Attributes: Internship, Special Course Fee Required

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

IS 650 Distributed Systems Development (3 crs)

Prerequisite: IS 314/IS 514 or equivalent; IS 344/IS 544 and IS 345/IS 545 or concurrent or equivalent; or consent of instructor. Limited to MBA students.

- *Cross-listed with IS 450. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.*

A study of the content, theory, and methodology of distributed systems application development. Specifically, the course covers n-tier and web-based development.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 655 Project Management (3 crs)

Prerequisite: IS 304/IS 504 and IS 310/IS 510 or equivalent. Limited to MBA students.

- *Cross-listed with IS 455. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.*

Focus on information systems projects: methodology selection, initiating, planning, executing, control and closing. Issues of time, scope, cost, quality and risk are investigated. Writing and software development skills are enhanced.

Attributes: Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 660 Seminar in Information Systems (3 crs)

Prerequisite: IS 344/IS 544 and IS 345/IS 545 or equivalent. Limited to MBA students.

- *Cross-listed with IS 460. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.*

In-depth study of current IS topics and discussion of current IS issues and trends. Includes integrated communication component and team-based information systems development project.

Attributes: Capstone Course
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

IS 675 Electronic Business (3 crs)

- *Cross-listed with IS 475. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.*

Basics of electronic commerce on the Internet, electronic data interchange, electronic funds transfer, etc. Students will address current applications for a wide range of businesses.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

IS 740 Managing Information Technology Foundation (2 crs)

Prerequisite: Limited to MBA students.

- *No credit if taken after IS 240. Not for MBA degree credit.*

Study of the managerial process used when working with information and information systems. Specific attention is given to the principles of systems development and underlying concepts.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

IS 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

Interdisciplinary Studies (IDIS)

IDIS 125 Brain: Introduction to Neuroscience (4 crs)

- *Coordinating Department: Biology. No credit if taken after BIOL 470, PSYC 375, IDIS 152 when offered as Brain: Introduction to Neuroscience.*

The brain and how it works including sense, movements, emotions, and the malfunctioning brain. Readings in popular publications. Emphasis on understanding how brain function is central to almost everything in day-to-day life.

Attributes: GE IIF Natural Science-Interdisciplinary Studies, Lab Science
Lecture/Discussion Hours: 3
Lab/Studio Hours: 2

IDIS 151 Interdisciplinary Studies in Communications (1-3 crs)

- *Coordinating Department: College of Arts and Sciences.*

Exploration of topics and issues in the communications field from multiple perspectives.

Attributes: GE IC Communication-Interdisciplinary Studies
Repeat: Course may be repeated for a maximum of 3 credits

IDIS 152 Interdisciplinary Studies in the Natural Sciences (1-4 crs)

- *Coordinating Department: College of Arts and Sciences.*

Exploration of topics and issues in the natural sciences from multiple perspectives.

Attributes: GE IIF Natural Science-Interdisciplinary Studies
Repeat: Course may be repeated for a maximum of 4 credits

IDIS 153 Interdisciplinary Studies in the Social Sciences (1-3 crs)

- *Coordinating Department: College of Arts and Sciences.*

Exploration of topics and issues in the social sciences from multiple perspectives.

Attributes: GE IIIG Social Science-Interdisciplinary Study
Repeat: Course may be repeated for a maximum of 3 credits

IDIS 154 Interdisciplinary Studies in the Humanities (1-3 crs)

- *Coordinating Department: College of Arts and Sciences.*

Exploration of topics and issues in the humanities from multiple perspectives.

Attributes: GE IVE Humanities-Interdisciplinary Studies
Repeat: Course may be repeated for a maximum of 3 credits

IDIS 155 Interdisciplinary Studies Across General Education Categories (1-3 crs)

- *Coordinating Department: College of Arts and Sciences.*

Exploration of topics and issues from the perspective of two or more General Education areas: communications, natural sciences, social sciences, and/or humanities.

Attributes: GE V University Wide, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated for a maximum of 3 credits

IDIS 173 Introduction to Social Justice (3 crs)

- *Coordinating Department: College of Arts and Sciences. Enrollment priority given to Social Justice Living-Learning Community members. No credit if taken after IDIS 153, when offered as "Introduction to Social Justice."*

Introduces students to social justice concepts, policies, and perspectives from the standpoint of the social sciences. Addresses equity, diversity and inclusivity issues and social justice struggles and successes in multiple communities and groups.

Attributes: Cultural Diversity 1 cr., GE IIIG Social Science-Interdisciplinary Study

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IDIS 174 Social Justice in the Humanities (3 crs)

- *Coordinating Department: College of Arts and Sciences. Enrollment priority given to Social Justice Living-Learning Community members. No credit if taken after IDIS 154, when offered as "Social Justice in Film and Music."*

Students will critically engage with and analyze work in the humanities that focuses on communities, groups, and individuals confronting social injustice, along with their struggles and successes when seeking social justice.

Attributes: GE IVE Humanities-Interdisciplinary Studies

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IDIS 187 Integrative Seminar (1 cr)

- *Coordinating Department: Undergraduate Studies. Permission required by Undergraduate Studies. Must be enrolled in at least one course in relevant learning community.*

Facilitates integration between linked courses in a learning community.

Attributes: GE V University Wide

Repeat: Course may be repeated for a maximum of 3 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

IDIS 201 Overview of the U.S. Health Care System: A Policy Perspective (3 crs)

- *Coordinating Department: Management and Marketing.*

A multidisciplinary course addressing issues that affect policy and delivery systems in health care. The course seeks to orient the student to the spectrum of issues and the dynamics of the U.S. health care system.

Attributes: GE IIIG Social Science-Interdisciplinary Study, LE-R3 Civic and Environmental Issues

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IDIS 230 Experiential Internship (1-3 crs)

Consent: Department Consent Required

- *Coordinating Department: Career Services. Must have completed 24 credit hours (or in-progress), and be in good academic standing.*

Provides career-related work that extends learning beyond the classroom. Involves international learning and active reflection tied to the student's academic and career interests.

Attributes: Service-Learning Optional, Field Trip(s) Required, Special Course Fee Required

Repeat: Course may be repeated for a maximum of 6 credits

IDIS 260 Techniques of the Singing/Speaking Voice (2 crs)

- *Coordinating Department: Music and Theatre Arts.*

Study of voice techniques and vocal health for the singing and speaking voice.

Attributes: Wellness Theory, GE IVE Humanities-Interdisciplinary Studies, LE-S3 Creativity

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

IDIS 285 Integrating the Social Sciences: The Social Studies (3 crs)

Prerequisite: Limited to Broadfield Social Studies majors; Social Studies teaching minors; Social Science teaching majors/minors.

- *Coordinating Department: Education Studies.*

This course intends to influence teachers' abilities to understand the nature of the social studies in relation to the integration of the social sciences and the humanities with the goal of influencing civic competence.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IDIS 301 Exploring Mind/Body Connections (3 crs)

Prerequisite: PSYC 100 or permission of instructors.

- *Coordinating Department: Psychology.*

Examines interactions among biological, psychological, educational, lifestyle, social, and cultural factors associated with health. Emphasis on stress responses that impact etiology and course of health problems, illness prevention and treatment approaches, research-supported health strategies.

Attributes: Wellness Theory, GE IIIG Social Science-Interdisciplinary Study

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IDIS 302 Race and Racism in the USA (3 crs)

Prerequisite: Minimum junior standing.

- *Coordinating Department: English.*

Weaves together cross-disciplinary knowledge by combining the views and methods of humanities and social sciences to analyze selected institutional principles that shape the constructions of race and racism in America.

Attributes: Cultural Diversity 3 cr., GE IIIG Social Science-Interdisciplinary Study

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IDIS 310 The Science of Science Fiction (3 crs)

Prerequisite: Minimum sophomore standing.

- *Coordinating Department: Physics and Astronomy.*

Study of science and its popular conceptions and misconceptions, as seen in science fiction literature and film. Emphasis on physics with connections to biology, chemistry, computer science, other sciences, and the humanities.

Attributes: GE IIF Natural Science-Interdisciplinary Studies, LE-K1 Natural Sciences

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IDIS 340 Central European Travel Seminar (3 crs)

Prerequisite: HIST 280 or ARTH 350, or another spring semester preparatory course in an appropriate department (depending on specific faculty).

- *Coordinating Department: History* • *Restricted to students participating in INTA 316 Central European Travel Seminar.*

Interdisciplinary summer travel seminar occurring most often in Berlin, Prague, Brno, Vienna, Budapest, and Krakow that builds on groundwork laid in a preparatory spring semester course. Seminar involves advanced on-site study and research across three disciplines.

Attributes: Foreign Culture, GE V University Wide, Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IDIS 351 Advanced Interdisciplinary Studies in Communications (1-3 crs)

Prerequisite: Junior standing or lower level course in appropriate field as determined by instructor(s).

- *Coordinating Department: College of Arts and Sciences.*

Advanced study of topics and issues in the communications field from multiple perspectives.

Attributes: GE IC Communication-Interdisciplinary Studies

Repeat: Course may be repeated for a maximum of 3 credits

IDIS 352 Advanced Interdisciplinary Studies in the Natural Sciences (1-4 crs)

Prerequisite: Junior standing or lower level course in appropriate field as determined by instructor(s).

- *Coordinating Department: College of Arts and Sciences.*

Advanced study of topics and issues in the natural sciences from multiple perspectives.

Attributes: GE IIF Natural Science-Interdisciplinary Studies

Repeat: Course may be repeated for a maximum of 4 credits

IDIS 353 Advanced Interdisciplinary Studies in Social Sciences (1-3 crs)

Prerequisite: Junior standing or lower level course in appropriate field as determined by instructor(s).

- *Coordinating Department: College of Arts and Sciences.*

Advanced study of topics and issues in the social sciences from multiple perspectives.

Attributes: GE IIIG Social Science-Interdisciplinary Study

Repeat: Course may be repeated for a maximum of 3 credits

IDIS 354 Advanced Interdisciplinary Studies in the Humanities (1-3 crs)

Prerequisite: Junior standing or lower level course in appropriate field as determined by the instructor(s).

- *Coordinating Department: College of Arts and Sciences.*

Advanced study of topics and issues in the humanities from multiple perspectives.

Attributes: GE IVE Humanities-Interdisciplinary Studies

Repeat: Course may be repeated for a maximum of 3 credits

IDIS 355 Advanced Interdisciplinary Studies Across General Education Categories (1-3 crs)

- *Coordinating Department: College of Arts and Sciences.*

Advanced study of topics and issues from the perspective of two or more General Education areas: communications, natural sciences, social sciences, and/or humanities.

Attributes: GE V University Wide, Field Trip(s) Required

Repeat: Course may be repeated for a maximum of 3 credits

IDIS 360 The Workforce in Music, Literature, and Art (3 crs)

Prerequisite: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies degree.

- *Coordinating Department: Music and Theatre Arts.*

Students will examine the ways that different professions and professional communities are represented in art, literature, and music. Topics include urban/rural work, employer/employee relations, and race/class/gender/sexuality in the workplace.

Attributes: GE IVE Humanities-Interdisciplinary Studies, BPS Flat Rate Tuition

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IDIS 370 Science and Society (3 crs)

Prerequisite: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies degree.

- *Coordinating Department: Biology*

This course examines how science affects our social, cultural, economic, and political lives. Emphasis will be on the ethical, legal, and social issues arising from the knowledge, advancements, applications, and technologies gained from natural sciences.

Attributes: GE IIF Natural Science-Interdisciplinary Studies, BPS Flat Rate Tuition

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IDIS 380 McNair Fall Seminar for Juniors (2 crs)

Prerequisite: Minimum resident and total GPA of 2.75.

Consent: Department Consent Required

- *Coordinating Department: McNair Program Office. Restricted to McNair Scholars.*

Seminar provides an orientation to McNair Program goals and activities, and enhances students' ability to undertake undergraduate research. Course provides an interdisciplinary perspective on the research process for students who desire to become college professors/researchers.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

IDIS 381 McNair Spring Seminar for Juniors (2 crs)

Prerequisite: IDIS 380. Resident and total GPA of 2.75.

Consent: Department Consent Required

- *Coordinating Department: McNair Program Office. Restricted to McNair Scholars.*

McNair Scholars refine the scope and design of their research projects, learn about the development of the American research community across the twentieth century, attend research presentations, and begin evaluating prospective graduate institutions and mentors.

Attributes: Field Trip(s) Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

IDIS 387 Advanced Integrative Seminar (1 cr)

Prerequisite: Minimum sophomore standing.

- *Coordinating Department: Undergraduate Studies. Permission required by Undergraduate Studies. Must be enrolled in at least one course in relevant learning community.*

Facilitates integration between linked courses in a learning community.

Attributes: GE V University Wide

Repeat: Course may be repeated for a maximum of 3 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

IDIS 410 Fine Arts Administration Seminar (3 crs)

Prerequisite: Twelve credits of adviser-approved electives in Fine Arts Administration certificate program. Minimum grade of C+ required in all adviser-approved electives.

Consent: Instructor Consent Required

- *Coordinating Department: Music and Theatre Arts. Limited to students enrolled in the Fine Arts Administration certificate program or by permission of the instructors.*

An overview of the field of arts administration offering a practical approach examining literature, resources, programs, organizations, and individuals. The course provides a capstone experience, bringing together elements of program management learned in related courses.

Attributes: Capstone Course

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IDIS 480 McNair Fall Seminar for Seniors (2 crs)

Prerequisite: IDIS 381. Minimum resident and total GPA of 2.75.

Consent: Department Consent Required

- *Coordinating Department: McNair Program Office. Restricted to McNair Scholars.*

Scholars prepare and formally present their research findings to academic audiences as journal articles, conference presentations, and posters. They prepare for and take the GRE, and refine and submit application materials to graduate schools.

Attributes: Field Trip(s) Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

IDIS 481 McNair Spring Seminar for Seniors (1 cr)

Prerequisite: IDIS 480. Minimum resident and total GPA of 2.75.

Consent: Department Consent Required

- *Coordinating Department: McNair Program Office. Restricted to McNair Scholars.*

Seminar focuses on how universities operate and what factors drive academics' careers—tenure and academic freedom, professional ethics, diversity, faculty governance and collegiality, funding agencies/foundations and academic publishing. Also covers graduate school progress/finances.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

IDIS 540 Central European Travel Seminar (3 crs)

Prerequisite: HIST 280 or Arth 350, or another spring semester preparatory course in an appropriate department (depending on specific faculty).

- *Coordinating Department: History* • *Cross-listed with IDIS 340. Credit may not earned in both courses. Restricted to students participating in Central European Travel Seminar.*

Interdisciplinary summer travel seminar occurring most often in Berlin, Prague, Brno, Vienna, Budapest, and Krakow that builds on groundwork laid in a preparatory spring semester course. Seminar involves advanced on-site study and research across three disciplines.

Attributes: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

International Business (INTB)

INTB 335 International Marketing (3 crs)

Prerequisite: MKTG 330. Minimum junior standing.

- *Cross-listed with MKTG 335. Credit may not be earned in both MKTG 335 and INTB 335.*

Principles, policies, and problems on marketing goods in international markets. Concepts, strategies, and polices of world trade and multinational firms.

Attributes: Foreign Culture, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

INTB 345 Managing Global Organizations (3 crs)

Prerequisite: MGMT 340. Minimum junior standing.

- *Cross-listed with MGMT 345. Credit may not be earned in both MGMT 345 and INTB 345. BCOM 206 and BCOM 207 are recommended prior to enrollment in this course.*

Examines issues in managing international operations including strategies, joint ventures/strategic alliances, organizational design, culture, human resources, and labor issues in addition to political and legal constraints operating across regional trading areas.

Attributes: Foreign Culture, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

INTB 361 International Experience in India (3 crs)

- *Fifteen (15) hours of on-campus instruction required during the Fall semester prior to the Winterim study abroad. Students interested in taking this course need to contact the Management and Marketing Department and the Center for International Education before Sept. 15 in the Fall semester prior to the Winterim study abroad.*

An interdisciplinary introduction to contemporary Indian business, culture, politics, history, religion and society that includes a three-week in-country experience.

Attributes: Foreign Culture, GE IIIG Social Science-Interdisciplinary Study, Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required Varies by Term/Section

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

INTB 362 International Experience in China (3 crs)

- *Fifteen (15) hours of on-campus instruction required during the Spring semester prior to the Summer interim term study abroad. Students interested in taking this course should contact the Management and Marketing Department and the Center for International Education before Feb. 1 in the Spring semester prior to the Summer Interim study abroad.*

An interdisciplinary introduction to contemporary Chinese business, culture, politics, history, religion and society that includes a three-week in-country experience.

Attributes: Foreign Culture, GE IIIG Social Science-Interdisciplinary Study, Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required Varies by Term/Section

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

INTB 535 International Marketing (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with INTB 335 and MKTG 335/MKTG 535. Credit may only be earned in one of these courses.*

Principles, policies, and problems of marketing goods in international markets. Concepts, strategies, and policies of world trade and multinational firms.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

INTB 545 Managing Global Organizations (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with INTB 345 and MGMT 345/MGMT 545. Credit may only be earned in one of these courses. BCOM 206 and BCOM 207 are recommended prior to enrollment in this course.*

Examines issues in managing international operations including strategies, joint ventures/strategic alliances, organizational design, culture, human resources, and labor issues in addition to political and legal constraints operating across regional trading areas.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

INTB 561 International Experience in India (3 crs)

• Fifteen (15) hours of on-campus instruction required during the Fall semester prior to the Winterim study abroad. Students interested in taking this course need to contact the Management and Marketing Department and the Center for International Education before Sept. 15 in the Fall semester prior to the Winterim study abroad. Cross-listed with INTB 361. Credit may not be earned in both courses.

An interdisciplinary introduction to contemporary Indian business, culture, politics, history, religion and society that includes a three-week in-country experience.

Attributes: Field Trip(s) Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

INTB 562 International Experience in China (3 crs)

• Fifteen (15) hours of on-campus instruction required during the Spring semester prior to the Summer interim term study abroad. Students interested in taking this course should contact the Management and Marketing Department and the Center for International Education before Feb. 1 in the Spring semester prior to the Summer Interim study abroad. Cross-listed with INTB 362. Credit may not be earned in both courses.

An interdisciplinary introduction to contemporary Chinese business, culture, politics, history, religion and society that includes a three-week in-country experience.

Attributes: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

International Exchange Programs (INTX)

INTX 312 University of Graz, Austria (12-18 crs)

Prerequisite: GERM 202. Minimum resident GPA of 3.00. Minimum sophomore standing.

Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.

An exchange program for one semester or the academic year. Students may take courses for international students or regular university courses. Students live in apartments or dormitories. Five scholarships of up to \$2,000 are available to accepted students.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTX 332 Ajou University, Korea (12-18 crs)

Prerequisite: Minimum resident GPA of 2.80. Minimum sophomore standing.

Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.

Students attend courses scheduled at Ajou University in South Korea. A one or two semester program, students may choose from a comprehensive curriculum and take any course for which they have appropriate prerequisites. Students live in university residence halls.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTX 335 Kansai Gaidai University of Foreign Studies-Hirakata City, Japan (12-18 crs)

Prerequisite: Minimum resident GPA of 3.00. Minimum sophomore standing.

Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.

An exchange program for one semester or the academic year in Hirakata City near Kyoto, the old capital of Japan. Students take Asian Studies courses taught in English and Japanese language courses. Students live in dormitories or with host families.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTX 337 University of Winchester, England (12-18 crs)

Prerequisite: Minimum resident GPA of 3.00. Minimum sophomore standing.

Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.

Fall semester exchange program with University of Winchester in Winchester, England. Students may choose from all classes for which they have appropriate prerequisites. Students live in residence halls on or near campus.

Attributes: Foreign Culture, Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTX 344 Ajou University, South Korea (7 crs)

Prerequisite: Minimum resident GPA of 2.30. Minimum sophomore standing.

Consent: Department Consent Required
• Individual courses may apply toward GE, if appropriate. Three credits of Foreign Culture requirement waived upon successful program completion.

Students attend courses scheduled at Ajou University's International Summer School. Courses are typically offered in business and economics, Korean language, and social sciences. Students live in university residence halls.

Attributes: Special Course Fee Required
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

INTX 348 Murdoch University-Perth, Australia (12-18 crs)

Prerequisite: Minimum resident GPA of 2.75.

Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.

Students can attend courses at Murdoch University during either semester or for the calendar year. Students may choose from a comprehensive curriculum, and take any courses for which they have met the appropriate prerequisites. Housing is in the university apartments.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTX 349 University of Limerick, Ireland (12-18 crs)

Prerequisite: Minimum resident GPA of 3.0. Minimum sophomore standing.

Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.

A one or two semester exchange program with the University of Limerick in Limerick, Ireland. Students may choose from all classes for which they have appropriate prerequisites. Students live in university residence halls.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTX 351 Southern Cross University-Lismore, Australia (12-18 crs)

Prerequisite: Minimum resident GPA of 2.50. Minimum sophomore standing.

Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.

An exchange program for one semester or the calendar year with Southern Cross University. Students may choose from all classes for which they have appropriate prerequisites. Students live in university apartments.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTX 361 Linnaeus University, Sweden (12-18 crs)

Prerequisite: Minimum resident GPA of 3.00. Minimum sophomore standing.

Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.

An exchange program for one semester or academic year with Linnaeus University. Linnaeus has a wide course selection but is primarily known for its courses in the business, economic, social, and teaching sectors. International courses are taught in English. Students live in university accommodation.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

INTX 381 University of Aberdeen, Aberdeen, Scotland (12-18 crs)

Prerequisite: Minimum resident GPA of 2.80. Minimum sophomore standing.

Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.

A one or two semester exchange program with the University of Aberdeen in Aberdeen, Scotland. Students may choose from all classes for which they have appropriate prerequisites. Students live in university residence halls.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTX 384 Universität-Marburg (12-18 crs)

Prerequisite: GERM 202. Minimum resident GPA of 3.00. Minimum sophomore standing.

Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.

A one semester or academic year program through the Hessen-Wisconsin exchange. Students may choose from all classes for which they have appropriate prerequisites and live in university residence halls.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTX 395 University of Glasgow, Glasgow, Scotland (12-18 crs)

Prerequisite: Minimum resident GPA of 2.80. Minimum sophomore standing.

Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.

A one or two semester exchange program with the University of Glasgow in Glasgow, Scotland. Students may choose from all classes for which they have appropriate prerequisites. Students live in university residence halls.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTX 398 University of Stirling, Stirling, Scotland (12-18 crs)

Prerequisite: Minimum resident GPA of 2.80. Minimum sophomore standing.

Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.

A one or two semester exchange program with the University of Stirling in Stirling, Scotland. Students may choose from all classes for which they have appropriate prerequisites. Students live in university residence halls.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTX 405 Chile, Pontificia Universidad Católica de Valparaíso (12-18 crs)

Prerequisite: Minimum resident GPA of 2.75. Minimum junior standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.*

Students attending the Pontificia Universidad Católica de Valparaíso take Spanish language courses, along with regular university offerings. Students live with host families.

Attributes: Foreign Culture, Special Course Fee Required

Grading Basis: A-F Grades Only

INTX 411 University of Stellenbosch, South Africa Exchange Program (12-18 crs)

Prerequisite: Minimum resident GPA of 3.00. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.*

The University of Stellenbosch is a bilingual university-Afrikaans and English. Courses may be taught in either language. Students can enroll in regular university courses and international programs taught in English. Students live in university residence halls.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTX 417 City University, Hong Kong (12-18 crs)

Prerequisite: Limited to chemistry or material science majors. Minimum resident GPA of 3.0. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.*

Study at City University of Hong Kong for a semester or an academic year. Students take chemistry or material science courses, in English, for which they have the appropriate prerequisites. Housing is in residence halls.

Attributes: Foreign Culture, Special Course Fee Required

Grading Basis: A-F Grades Only

INTX 418 Hong Kong Polytechnic University (12-18 crs)

Prerequisite: Minimum resident GPA of 2.8. Minimum sophomore standing.

Admission to College of Business required.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.*

Attend courses at Hong Kong Polytechnic University during the semester or an academic year. Students choose from business courses, offered in English, for which they have appropriate prerequisites. Housing is in residence halls.

Attributes: Foreign Culture, Special Course Fee Required

Grading Basis: A-F Grades Only

INTX 421 University of Valladolid Exchange (12-18 crs)

Prerequisite: INTA 380. Minimum resident GPA of 2.8. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.*

Students who have completed the University of Valladolid fall program may continue as exchange students in the spring, taking classes from the regular university catalog. Service-learning is possible in January. Housing is in student apartments.

Attributes: Foreign Culture, Service-Learning Optional, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTX 436 UPAEP, Puebla, Mexico (12-18 crs)

Prerequisite: SPAN 301. Minimum resident GPA of 2.50. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.*

A semester or academic year exchange to UPAEP in Puebla, Mexico. Students can take course for international students and regular university courses. Service-learning is possible. Students live with host families.

Attributes: Foreign Culture, Service-Learning Optional, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTX 438 Pontificia Universidad Católica del Perú (PUCP) Lima Peru (12-18 crs)

Prerequisite: SPAN 302. Minimum resident GPA of 2.50. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.*

Students attending the Pontificia Universidad Católica del Perú (PUCP) take regular university offerings taught in Spanish. Students live with host families.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

International Studies (INTS)

INTS 395 Directed Studies (1-3 crs)

Consent: Department Consent Required

- *The student must have successfully completed at least one course that directly relates to the subject chosen for the directed study.*

A scholarly investigation of a subject appropriate to the country in which the student is studying. Directed by a member of the UW-Eau Claire resident faculty and assisted by a local resource person.

Attributes: Foreign Culture, Undergraduate/Graduate Offering

Repeat: Course may be repeated

INTS 399 Independent Study - Juniors (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Attributes: Foreign Culture

Repeat: Course may be repeated

INTS 498 International Education Internship (1-6 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

- *Student must apply for internship, interview, and be offered a position.*

Pre-professional internships intended to provide students with concrete, applicable experience in the field of International Education. A complete description of all internships is available in the Center for International Education.

Attributes: Service-Learning Optional, Undergraduate/Graduate Offering, Internship

Repeat: Course may be repeated for a maximum of 12 credits

Grading Basis: No Auditors

INTS 499 Independent Study - Seniors (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Attributes: Foreign Culture

Repeat: Course may be repeated

INTS 595 Directed Studies (1-3 crs)

Consent: Department Consent Required

- *Cross-listed with INTS 395. The student must have successfully completed at least one course that directly relates to the subject chosen for the directed study.*

A scholarly investigation of a subject appropriate to the country in which the student is studying. Directed by a member of the UW-Eau Claire resident faculty and assisted by a local resource person.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

INTS 698 International Education Internship (1-6 crs)

Consent: Department Consent Required

- *Cross-listed with INTS 498. Student must apply for internship, interview, and be offered a position.*

Pre-professional internships intended to provide students with concrete, applicable experience in the field of International Education. A complete description of all internships is available in the Center for International Education.

Attributes: Internship

Repeat: Course may be repeated for a maximum of 12 credits

Grading Basis: A-F Grades Only

International Studies Abroad (INTA)

INTA 301 USAC-University of Pau, France Summer (9-11 crs)

Prerequisite: Minimum resident GPA of 2.50. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Six credits of Foreign Culture requirement waived upon successful program completion.*

Students attend University of Pau, France, through the University Studies Abroad Consortium (USAC), where they will study French language and culture for four or nine weeks. Students live in the dormitories or with a host family.

Attributes: Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 303 Study Abroad USAC University of Pau, France (12-18 crs)

Prerequisite: FREN 201. Minimum resident GPA of 2.50. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Students can attend for the full academic year or for the Spring semester. Fulfills complete Foreign Culture requirement upon successful program completion.*

Students attend University of Pau, France, through the University Studies Abroad Consortium (USAC), where they will study French language and culture. Students may choose to live in the university dormitories or with a host family.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 306 Educators Abroad Student Teaching (1-8 crs)

Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences. Minimum resident GPA of 3.00.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Six credits of Foreign Culture requirement waived upon successful program completion. Must pass Praxis exam.*

This program gives students the opportunity to student teach abroad in over 40 countries. Historically, Educators Abroad Student Teaching (EAST) has placed the most students in Australia, New Zealand, England, Ireland, Spain, Cameroon, Czech Republic, and Costa Rica. Advising will be through the UW-Eau Claire Field Placement Coordinator, with supervision by local cooperating teachers. Housing for each site varies and can include homestays or apartments.

Attributes: Special Course Fee Required

Grading Basis: S/U Only Grade Basis

INTA 307 Study Abroad-San Isidro, Costa Rica (12-18 crs)

Prerequisite: Minimum resident GPA of 2.30. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.*

This program focuses on Latin American culture and Spanish language. Students will take two to three Spanish courses (beginning to advanced) and one to two Latin American studies courses in English. Excursions and a two-week service-learning project are included in the program. Students live with host families.

Attributes: Foreign Culture, Field Trip(s) Required, Special Course Fee Required

Grading Basis: A-F Grades Only

INTA 309 USAC-Lyon, France Semester (12-18 crs)

Prerequisite: FREN 201. Minimum resident GPA of 2.50. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.*

Students attend University of Lyon 2, through the University Studies Abroad Consortium (USAC), where they will study French language and culture. Students may choose to live in the university dormitories or with a host family.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 314 Study Abroad-Costa Rica/Nicaragua (12-18 crs)

Prerequisite: Minimum resident GPA of 2.30. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.*

In this unique Latin American studies program, students experience both Costa Rica and Nicaragua. Students will take four courses total: two to three Spanish classes (beginning to advanced), and one to two Latin American Studies courses in English. Excursions and a two-week service-learning project are included in the program. Students live with host families.

Attributes: Foreign Culture, Field Trip(s) Required, Special Course Fee Required

Grading Basis: A-F Grades Only

INTA 318 Study Abroad-Limerick, Ireland (12-18 crs)

Prerequisite: Minimum resident GPA of 3.00. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.*

A one or two semester study abroad program with the University of Limerick in Limerick, Ireland. Students may choose from all classes for which they have appropriate prerequisites. Students live in university residence halls.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 329 Study Abroad-Health Care in Costa Rica (6-9 crs)

Prerequisite: Minimum resident GPA of 2.30. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Six credits of Foreign Culture requirement waived upon successful program completion. No previous Spanish required.*

This program is of special interest to students in nursing, allied health, and other majors with interest or concentration in health care. Students take a five-credit Medical Spanish course, along with a three-credit course comparing the socialized health care system of Costa Rica with the managed care system of the United States.

Attributes: Special Course Fee Required

Grading Basis: A-F Grades Only

INTA 335 USAC Thailand, Chiang Mai University Summer (3-11 crs)

Prerequisite: Minimum resident GPA of 2.50. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Three credits of Foreign Culture requirement waived upon successful program completion.*

A four-nine week, summer study abroad program at the USAC Center located on Chiang Mai University. Students enroll in a variety of Thai culture courses, taught in English. Students live in off campus apartments arranged by USAC.

Attributes: Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 336 USAC Thailand, Chiang Mai University Semester (12-18 crs)

Prerequisite: Minimum resident GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.

A one or two semester study abroad program at the USAC Center located on Chiang Mai University. Students enroll in a variety of Thai culture courses, taught in English. Students live in off campus apartments arranged by USAC.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 339 University of Winchester, England (12-18 crs)

Prerequisite: Minimum resident GPA of 3.00. Minimum sophomore standing.
Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.

Spring semester study abroad program with the University of Winchester in Winchester, England. Students may choose from all classes for which they have appropriate prerequisites. Students live in residence halls on or near campus.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 342 USAC China, Southwest University for Nationalities (3-12 crs)

Prerequisite: Minimum resident GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Three credits of Foreign Culture requirement waived upon successful program completion.

An additional three credits of Foreign Culture requirement waived upon successful completion of Chinese intensive language course. A five-ten week, summer study abroad program at the USAC Center located in Chengdu, China. Students enroll in intensive Chinese language courses and/or Chinese culture courses, taught in English. Students live in university residence hall.

Attributes: Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 343 USAC China, Southwest University for Nationalities (12-18 crs)

Prerequisite: Minimum resident GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.

A one or two semester study abroad program at the USAC Center located in Chengdu, China. Students enroll in either the appropriate level of Chinese Language Studies or select from a variety of Chinese Studies courses taught in English. Students live in university residence halls or apartments.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 348 Study Abroad-Murdoch University-Perth, Australia (12-18 crs)

Prerequisite: Minimum resident GPA of 2.75. Minimum sophomore standing.
Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.

Students can attend courses at Murdoch University during either semester or for the calendar year. Students may choose from a comprehensive curriculum, and take any courses for which they have met the appropriate prerequisites. Housing is in the university apartments.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 350 Southern Cross University-Lismore, Australia (12-18 crs)

Prerequisite: Minimum resident GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.

A semester or calendar year study abroad program with Southern Cross University. Students may choose from all classes for which they have appropriate prerequisites. Housing is in university apartments.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 356 USAC Ghana, University of Ghana (12-18 crs)

Prerequisite: Minimum resident GPA of 2.50. Minimum sophomore standing.
Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.

Students take a required culture course at the USAC Center and can enroll in regular courses at the University of Ghana. Departments include African Dance, Drama & Drumming, African Studies, Arts, Business, Geography/Resource Development, History, Science & Social Science. Students will live in off-campus hostels.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 359 Nagasaki University of Foreign Studies - Nagasaki, Japan (12-18 crs)

Prerequisite: Minimum resident GPA of 2.80. Minimum sophomore standing.
Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.

A study abroad program for one semester or the academic year in the historic city of Nagasaki. Students take Japanese language courses and Asian Studies courses taught in English. Students live with Japanese families or in university residence halls.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 360 Study Abroad-Harlaxton College, England (12-18 crs)

Prerequisite: Minimum resident GPA of 2.30. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.*

A one-semester program at Harlaxton College near Grantham, England, offered through an arrangement with the University of Evansville. Courses are offered by British and U.S. faculty at Harlaxton College. INTS 170 or INTS 370, British Life and Civilization, is required. Students and faculty live in the Harlaxton Manor or Carriage House.

Attributes: Foreign Culture, Special Course Fee Required

Grading Basis: A-F Grades Only

INTA 363 American College Thessaloniki (ACT), Thessaloniki, Greece (12-18 crs)

Prerequisite: Minimum resident GPA of 2.50. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.*

Students can study for one semester or the academic year at the American College of Thessaloniki (ACT) in Greece. Students take courses in business and economics, as well as humanities courses at ACT. Courses are taught in English. Students live in residence halls near the campus.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 368 University of Aberdeen, Aberdeen, Scotland (12-18 crs)

Prerequisite: Minimum resident GPA of 2.80. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.*

A one or two semester study abroad program with the University of Aberdeen in Aberdeen, Scotland. Students may choose from all classes for which they have appropriate prerequisites. Students live in university residence halls.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 369 University of Glasgow, Glasgow, Scotland (12-18 crs)

Prerequisite: Minimum resident GPA of 2.80. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.*

A one or two semester study abroad program with the University of Glasgow in Glasgow, Scotland. Students may choose from all classes for which they have appropriate prerequisites. Students live in university residence halls.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 380 Study Abroad-Valladolid, Spain (12-18 crs)

Prerequisite: SPAN 301. Minimum resident GPA of 2.50. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.*

The University of Valladolid offers an intensive Spanish language and culture program for U.S. and other international students. UW-Eau Claire participants earn 12 to 16 credits toward their Spanish major or minor. Students live with host families.

Attributes: Foreign Culture, Special Course Fee Required

Grading Basis: A-F Grades Only

INTA 399 University of Stirling, Stirling, Scotland (12-18 crs)

Prerequisite: Minimum resident GPA of 2.80. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.*

A one or two semester study abroad program with the University of Stirling in Stirling, Scotland. Students may choose from all classes for which they have appropriate prerequisites. Students live in university residence halls.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 402 University of Stirling, Stirling, Scotland (9 crs)

Prerequisite: Minimum resident GPA of 2.80. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Three credits of Foreign Culture requirement waived upon successful program completion.*

An eight-week, summer study abroad program at the University of Stirling in Scotland. Students take three classes for a total of nine credits. Students live in university residence halls.

Attributes: Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 406 ISEP-New Zealand, Massey University (12-18 crs)

Prerequisite: Minimum resident GPA of 2.75. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.*

Students attending Massey University can enroll in regular university courses. There are three campuses that students can attend through this program. Students will live in university residence halls.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 411 University of Stellenbosch, South Africa (6-7 crs)

Prerequisite: Minimum resident GPA of 2.80. Minimum junior standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Three credits of Foreign Culture requirement waived upon successful program completion.*

A four-week summer program at the University of Stellenbosch focusing on African Studies. Students take one course in South African political history and choose two elective courses. Students live in university residence halls.

Attributes: Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 415 Marburg, Germany (12-18 crs)

Prerequisite: GERM 201. Minimum resident GPA of 2.50. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.*

This spring program at Studienkolleg Mittelhessen, University of Marburg, Germany, immerses students in German language and culture. Regional excursions are included. Students live in residence halls.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 421 Costa Rica Language and Culture (6 crs)

Prerequisite: SPAN 202. Minimum resident GPA of 2.3. Minimum sophomore standing.

- *Individual courses may apply toward GE, if appropriate. Six credits of Foreign Culture requirement waived upon successful program completion.*

During this eight-week Spanish language summer program, students will take two courses focusing on Spanish language and Latin American culture. Students have the opportunity to volunteer in the community. Housing is with host families.

Attributes: Field Trip(s) Required, Special Course Fee Required

Grading Basis: A-F Grades Only

INTA 424 University of Virginia, Semester at Sea 12 to 15 credits (12-15 crs)

Prerequisite: Minimum resident GPA of 2.75. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.*

Semester at Sea Semester Voyage is a multi-country program where students visit 10 to 12 destinations. Students take a core global studies course and choose electives from various disciplines. Students live on ship and have required faculty field practica.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 428 Lorenzo de' Medici Florence (12-18 crs)

Prerequisite: Minimum resident and total GPA of 2.8. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Field trips available but not required.*

Lorenzo de' Medici Florence offers a wide range of courses in English. Housing is in student apartments. This program is for the Fall or Spring semester or academic year.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 429 Lorenzo de' Medici Rome Italy (12-18 crs)

Prerequisite: Minimum total and resident GPA of 2.8. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Field trips available but not required.*

Lorenzo de' Medici Rome offers a limited number of courses in English in several disciplines including STEM. Housing is in student apartments. This program is for the Fall or Spring semester or academic year.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 430 Lorenzo de' Medici Tuscania Italy (12-18 crs)

Prerequisite: Minimum total and resident GPA of 2.8. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Field trips available but not required.*

Lorenzo de' Medici Tuscania offers a limited number of humanities and social science courses in English. Housing is in student apartments or with host families. This program is for the Fall or Spring semester or academic year.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 431 Lorenzo de' Medici Three Cities (12-18 crs)

Prerequisite: Minimum total and resident GPA of 2.8. Minimum sophomore standing.

Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Field trips available but not required.

Lorenzo de' Medici Three Cities includes one month each in Tuscany, Rome, and either Florence or Venice, with a set curriculum of six credits of Italian language and three courses in English. Housing in apartments. This program is for the Fall or Spring semester.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 433 Lorenzo de' Medici Florence (3-7 crs)

Prerequisite: Minimum resident and total GPA of 2.8. Minimum sophomore standing.

Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Three credits of Foreign Culture requirement waived upon successful program completion. Field trips available but not required.

Lorenzo de' Medici Florence offers a wide range of courses in English. Housing is in student apartments. This program is for the Winterim three-week term or a four-week Summer term.

Attributes: Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 434 Lorenzo de' Medici Rome Italy (3-7 crs)

Prerequisite: Minimum resident and total GPA of 2.8. Minimum sophomore standing.

Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Three credits of Foreign Culture requirement waived upon successful program completion. Field trips available but not required.

Lorenzo de' Medici Rome offers a limited number of courses in English in several disciplines. Housing is in student apartments. This program is for a four-week Summer term.

Attributes: Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 435 Lorenzo de' Medici Tuscany Italy (3-7 crs)

Prerequisite: Minimum resident and total GPA of 2.8. Minimum sophomore standing.

Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Three credits of Foreign Culture requirement waived upon successful program completion. Field trips available but not required.

Lorenzo de' Medici Tuscany offers a limited number of humanities and social science courses in English. Housing is in student apartments or with host families. This program is for a four-week Summer term.

Attributes: Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 436 UPAEP, Puebla, Mexico Summer (3-6 crs)

Prerequisite: Prerequisite courses will vary according to program track chosen. Minimum resident GPA of 2.50. Minimum sophomore standing.

Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Six credits of Foreign Culture requirement waived upon successful program completion.

A six-week Spanish language summer program with a number of program tracks including business, education, healthcare and intensive Spanish. Many tracks include a practical experience in the community. Housing is with host families.

Attributes: Foreign Culture, Field Trip(s) Required, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 437 Pontifica Universidad Catolica del Peru (PUCP) Field School Program Lima Peru (3-9 crs)

Prerequisite: Spanish may be required for some courses. Minimum resident GPA of 2.50. Minimum sophomore standing.

Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Three credits of Foreign Culture requirement waived upon successful program of field courses taught fully or partially in English. Six credits of Foreign Culture requirement waived upon successful program of the Spanish Language and Peruvian Culture Field Course.

During the three-to-four-week program, students choose one field course from a range of subjects. Past subject include archeology, ethnomusicology, indigenous rights, and Peruvian culture. Housing varies based on the field course location.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 438 Pontifica Universidad Catolica del Peru (PUCP) Lima Peru (12-18 crs)

Prerequisite: SPAN 302. Minimum resident GPA of 2.50. Minimum sophomore standing.

Consent: Department Consent Required

- *Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion.*

Students attending the Pontifica Universidad Catolia del Peru (PUCP) take regular university offerings taught in Spanish. Students live with host families.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

Japanese (JAPN)

JAPN 101 Beginning Japanese I (4 crs)

Prerequisite: Placement test required.

A foundation in listening, speaking, reading, writing, and culture. Introduction to hiragana, katakana, and some kanji characters.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

JAPN 102 Beginning Japanese II (4 crs)

Prerequisite: JAPN 101 or suitable placement score on Japanese Placement Exam.

Continuation of Japanese 101. Study of useful conversation patterns, grammar, and culture. Introduction to Kanji-character (91) writing.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

JAPN 201 Intermediate Japanese I (4 crs)

Prerequisite: JAPN 102 or suitable placement score on Japanese Placement Exam.

Review of Japanese grammar and vocabulary with focus on the development of reading, writing, speaking, and listening skills. Students gain an understanding of Japanese culture through a variety of topics.

Attributes: GE IA Communication-Language Arts

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

JAPN 202 Intermediate Japanese II (4 crs)

Prerequisite: JAPN 201 or suitable placement score on Japanese Placement Exam.

Continuation of Japanese 201.

Attributes: GE IA Communication-Language Arts

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

JAPN 301 Advanced Japanese Language and Culture I (4 crs)

Prerequisite: JAPN 202 or suitable placement score on Japanese Placement Exam.

Designed to improve speaking, listening, reading, and writings skills. Students gain an understanding of Japanese culture and current events through a variety of topics.

Attributes: Foreign Culture, GE IA Communication-Language Arts

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

JAPN 302 Advanced Japanese Language and Culture II (4 crs)

Prerequisite: JAPN 301 or equivalent.

Continuation of Japanese 301. Focuses on improving speaking, listening comprehension, reading, and writing modern Japanese. Extensive use of original spoken and written materials. Further knowledge of sociolinguistics/culture and additional kanji. Emphasis on accurate and appropriate communication.

Attributes: Foreign Culture, GE IA Communication-Language Arts

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

Kinesiology (KINS)

KINS 101 Specialty (0.5-2 crs)

- *Special course fee may apply.*

Special class activity to be offered as expertise is available.

Attributes: Physical Activity

Repeat: Course may be repeated

KINS 108 Intercollegiate Athletics (1 cr)

Prerequisite: Eligible to practice as defined by the Wisconsin Intercollegiate Athletic Conference.

Consent: Department Consent Required

The student will participate in the physical activity and lectures pertaining to the preparation of a varsity athletic team for a season and the contests included in that season.

Attributes: Physical Activity

Grading Basis: S/U Only Grade Basis

KINS 110 Power Walking (1 cr)

• No credit if taken after KINS 101 with the same topic.

Introduction to basic techniques and fitness principles used in power walking. Students will develop an individual power walking program to meet their individual physical activity goals.

Attributes: Physical Activity

KINS 112 Fitness (1 cr)

Includes aerobics activity, flexibility, and resistance exercises to expose students to methods of becoming physically fit or maintaining a degree of fitness.

Attributes: Physical Activity, Special Course Fee Required

KINS 114 Lacrosse (1 cr)

• No credit if taken after KINS 101 with the same topic.

Introduction of basic skills of lacrosse (ball pickup, stick handling, passing, shooting). Also the rules, strategies, history, and safety of the game. Provides individual and team play.

Attributes: Physical Activity

KINS 115 Ultimate Frisbee (1 cr)

• No credit if taken after KINS 101 with the same topic.

Introduction of basic skills of ultimate Frisbee (catching, throwing, terminology). Also the rules, strategies, history, and safety of the game. Provides individual and team play.

Attributes: Physical Activity

KINS 116 Racquetball (1 cr)

Introduction of basic skills of racquetball including forehand, backhand, serves, and shots. Rules and strategies for singles and doubles. Provides experience in tournament play.

Attributes: Physical Activity

KINS 117 Weight Training (1 cr)

Emphasis on techniques of basic lifts. Knowledge in the area of weight training for the development of strength and muscular endurance through progressive resistance. Individual programs for strength development.

Attributes: Physical Activity, Special Course Fee Required

KINS 121 Basketball (1 cr)

Development of the fundamental skills of basketball (including dribbling, passing, shooting, defensive sliding, and rebounding). Provides individual instruction and team play.

Attributes: Physical Activity

KINS 125 Soccer (1 cr)

Fundamental skills: dribbling, passing, shooting, heading, trapping, tackling, and goal keeping. Techniques, conditioning, and strategy of play.

Attributes: Physical Activity

KINS 129 Badminton (1 cr)

Introduction to badminton skills, strategies, and rules.

Attributes: Physical Activity

KINS 134 Golf (1 cr)

Introduction to golf skills and acquaintance with golf equipment, proper grip, stance, pendulum swing, full swing, chipping, pitching, and putting; rules and etiquette.

Attributes: Physical Activity

KINS 136 Jogging (1 cr)

Acquaintance with the physiological effects of jogging, and a method of measuring physical fitness through aerobics.

Attributes: Physical Activity

KINS 148 Beginning Swimming (1 cr)

Prerequisite: No credit if taken after KINS 167 or KINS 293

Beginning level swim class designed to teach students the basic mechanics of six swim strokes, entry into water, treading water and personal safety, and cardiovascular principles related to swimming.

Attributes: Physical Activity

Lecture/Discussion Hours: .5

Lab/Studio Hours: .5

KINS 159 Tennis (1 cr)

Basic skills of forehand, backhand, serve, and volley, including grip, stance, and footwork. Singles and doubles rules and strategy.

Attributes: Physical Activity

KINS 172 Volleyball (1 cr)

Fundamental skills of passing, set, spike, block, serve, and basic offensive and defensive strategies.

Attributes: Physical Activity

KINS 184 Flag Football (1 cr)

Fundamental skills of centering, passing, catching, running pass patterns, hand offs, pitches, blocking, kicking, punting, and other offensive and defensive techniques and strategies of play.

Attributes: Physical Activity

KINS 186 Wellness Concepts and Health Related Fitness (2 crs)

Students will work to develop health-related fitness and will learn the importance of wellness concepts such as health-related fitness, stress management, nutrition, and consumer responsibility in health and fitness.

Attributes: Physical Activity, Wellness Theory

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

KINS 200 Orientation to Kinesiology (1 cr)

Prerequisite: No credit if taken after KINS 191.

• *First year Kinesiology students only.*

Introduction to disciplines and professions in Kinesiology. Students will become familiar with the possible options available for majors and minors as well as potential careers compatible with a Kinesiology degree.

Grading Basis: S/U Only Grade Basis

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

KINS 204 Introduction to Athletic Training (1 cr)

Prerequisite: Limited to pre-athletic training majors.

Introduction to the basic knowledge of the athletic training profession and the concepts in the prevention of athletic injuries. For those students seeking admission to the athletic training education program.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

KINS 262 Personal Health in a Global Society (3 crs)

An investigation of inequality, racism, poverty, and economic deprivation that is adversely affecting the health of the American people. Students will access their personal health, examine local and national health concerns, and research global health issues.

Attributes: Wellness Theory, Cultural Diversity 1 cr.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 274 First Aid and Community CPR (1 cr)

American Red Cross First Aid and community CPR training, certification issued on satisfactory completion of course.

Attributes: Special Course Fee Required

KINS 275 Prevention and Care of Athletic/Exercise Injuries (2 crs)

Prerequisite: KINS 274 and KINS 294. Must be taken with KINS 277.

Introduction to the basic concepts and fundamentals of the prevention, recognition, treatment, and rehabilitation of exercise injuries.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

KINS 277 Prevention and Care of Athletic Injuries Lab (1 cr)

Prerequisite: KINS 274 and KINS 294. KINS 204 for athletic training majors. Must be taken with KINS 275.

A lab course designed to develop an understanding and proficiency in taping and wrapping techniques, and the fitting and use of protective sports equipment in the prevention and care of athletic injuries.

Attributes: Special Course Fee Required Varies by Term/Section

Lecture/Discussion Hours: 0

Lab/Studio Hours: 2

KINS 280 Acute Care of Athletic Injuries/Illness (3 crs)

Prerequisite: Limited to admitted athletic training majors.

A theory and lab course focused on providing care for acute and emergency injuries/illnesses in the physical activity setting. Successful completion of the course will result in certification as a First Responder.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

KINS 284 Palpatory Anatomy in Kinesiology (1 cr)

Prerequisite: KINS 294 or concurrently.

This course is designed to focus on the concepts and principles of palpatory anatomy and kinesiology. An understanding of how muscles and joints interact and function will be created and enhanced through a laboratory environment.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 2

KINS 290 Introduction to Physical Education (3 crs)

Prerequisite: Limited to kinesiology teaching, sport pedagogy, and movement studies majors.

Introduction to physical education including understanding the teaching/learning process, effective teaching skills, and context and reflection.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 292 Management and Coaching Theory (2 crs)

- The course follows American Sports Education Program (ASEP) guidelines, and students have the option to take the ASEP certification exam for a fee.

An introduction to the coaching profession including current management principles and practices.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

KINS 294 Anatomical Kinesiology (3 crs)

Introduction to human anatomy and the basic structure of the body's major systems. An emphasis will be placed on the musculoskeletal system and an understanding of its relationship to human movement.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 296 Lifeguard Training (1 cr)

Consent: Instructor Consent Required

The course prepares candidates to recognize and respond quickly and effectively to emergencies, and prevent drownings and injuries. Students are eligible for American Red Cross certification for Lifeguard training, First Aid/CPR and AED for professional rescuer.

Attributes: Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: .5

Lab/Studio Hours: 1.0

KINS 300 Planning, Implementation, and Assessment: Invasion Games (2 crs)

Prerequisite: KINS 290. Limited to kinesiology teaching, sport pedagogy and movement studies majors.

- *Movement studies majors will need department consent if KINS 290 not taken.*

Students enrolled in this course will design comprehensive invasion games units utilizing various instructional models, such as: sport education, peer teaching and tactical games.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 301 Planning, Implementation, and Assessment: Adventure Activities (2 crs)

Prerequisite: KINS 290

- *Movement studies majors will need department consent if KINS 290 not taken.*

Observation and participation in selected adventure activities led by master teachers; lesson planning and peer teaching.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 302 Planning, Implementation, and Assessment: Rhythms and Dance (2 crs)

Prerequisite: KINS 290. Limited to kinesiology teaching and sport pedagogy majors.

- *Movement studies majors will need department consent if KINS 290 not taken.*

Students will explore a wide range of rhythm and dance activities for school-aged children, including: cultural, line, square and social genres.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 303 Planning, Implementation, and Assessment: Fitness Concepts (3 crs)

Prerequisite: KINS 290. Limited to kinesiology teaching, sport pedagogy and movement studies majors.

- *Movement studies majors will need department consent if KINS 290 not taken.*

Prospective teachers completing this course will acquire the dispositions, knowledge, and performance competencies related to appropriate health-related fitness of school-aged children in K-12 physical education.

Attributes: Service-Learning, Half 15 Hours

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

KINS 304 Biomechanical Kinesiology (3 crs)

Prerequisite: Grade of C or above in KINS 294, and PHYS 100 or PHYS 211.

Minimum total GPA of 2.35.

The relationship of motion, kinematics, kinetics, and fluid mechanics to human movement.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 305 Planning, Implementation, and Assessment: Net Games (2 crs)

Prerequisite: KINS 290. Limited to kinesiology teaching, sport pedagogy and movement studies majors.

- *Movement studies majors will need department consent if KINS 290 not taken.*

Students will acquire the dispositions and knowledge to teach net activities within a secondary physical education setting.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 308 Exercise Physiology (3 crs)

Prerequisite: Grade of C or above in KINS 294. Minimum total GPA of 2.35.

The physiological basis of human movement and the functional changes in body systems as a result of exercise.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 309 Introduction to Exercise Science (3 crs)

Prerequisite: Completion of or concurrent enrollment in KINS 304 and KINS 308. Minimum resident and total GPA of 2.75. Minimum sophomore standing.
 • 2.75 GPA required in major degree program.

Introduction to the foundational concepts associated with physical activity, fitness, and health that underlie the advanced study of exercise prescription and programming.

Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

KINS 310 Therapeutic Modalities in Athletic Training (3 crs)

Prerequisite: KINS 280 with a grade of B- or above; or consent of instructor. Limited to athletic training majors. Minimum sophomore standing. Must be taken with KINS 315.

A theory course designed to develop an understanding and competency in the use of therapeutic modalities in the care of athletic injuries.

Lecture/Discussion Hours: 2
 Lab/Studio Hours: 2

KINS 312 Psychology of Sport and Physical Activity (3 crs)

Prerequisite: Minimum resident and total GPA of 2.50.

The course will examine psychological aspects which affect peak performance in sport, along with exploring the effect that sport and physical activity have on individuals.

Attributes: Undergraduate/Graduate Offering
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

KINS 313 Sociology of Sport and Physical Activity (3 crs)

Prerequisite: Minimum resident and total GPA of 2.50.

Introduction to the social influences on sport and physical activity as well as the influence sport has on society.

Attributes: Cultural Diversity 1 cr., Undergraduate/Graduate Offering
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

KINS 315 Athletic Training Lab and Practicum I (1 cr)

Prerequisite: KINS 277, KINS 280, and KINS 375 with a grade of B- or above. Limited to admitted athletic training majors.

A lab and practicum course designed to develop proficiency in the practical skills and techniques of lower body evaluation and protective support/bracing as well as inclusion of athletic training competencies assigned and supervised clinical experiences.

Attributes: Special Course Fee Required
 Lecture/Discussion Hours: 0
 Lab/Studio Hours: 2

KINS 316 Athletic Training Lab and Practicum II (1 cr)

Prerequisite: KINS 310, KINS 315, and KINS 376 with a grade of B- or above. Limited to admitted athletic training majors. Must be taken with KINS 330.

A lab and practicum course designed to develop proficiency, practical skills and techniques of therapeutic modalities, upper-body evaluation, general medical conditions as well as inclusion of athletic training competencies assigned and supervised clinical experiences.

Lecture/Discussion Hours: 0
 Lab/Studio Hours: 2

KINS 320 Foundations of Rehabilitation Science (3 crs)

Prerequisite: KINS 304 and KINS 308 or concurrent enrollment. Minimum resident and total GPA of 2.75.

Introduction to the historical, philosophical, and theoretical foundations of rehabilitation science. The course also provides information on current trends and issues in rehabilitation science research.

Grading Basis: A-F Grades Only
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

KINS 327 Movement Education for Elementary Grades (2 crs)

Prerequisite: Limited to kinesiology teaching or sport pedagogy majors who have completed KINS 290; or elementary education majors who have completed ES 203 or SPED 210 or SPED 306.

• *Elementary education majors will need department consent due to the KINS 290 prerequisite.*

A theory and methods course in elementary physical education teaching and classroom physical activity. Prospective teachers completing this course will acquire the dispositions and knowledge to teach movement concepts to school-aged children.

Attributes: Wellness Theory
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

KINS 330 Therapeutic Exercise in Athletic Training (3 crs)

Prerequisite: KINS 310 with a grade of B- or above. Limited to admitted athletic training majors.

A theory course designed to develop an understanding of the use of therapeutic exercise and the development of rehabilitation programs for athletic injuries.

Lecture/Discussion Hours: 2
 Lab/Studio Hours: 2

KINS 335 Introduction to School Health Education and Current Health Issues (3 crs)

A theory-and activity-based course in which students will discover the importance of health education in the schools and explore current health issues surrounding our nation's youth.

Attributes: Wellness Theory, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 336 Strategies and Assessment in School Health Education (3 crs)

Prerequisite: KINS 335/KINS 535

This course will focus on using experiential learning techniques and developing authentic assessments to be used in school health education classes.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 337 Health Education Curriculum Design (3 crs)

Prerequisite: KINS 336/KINS 536

Students will design and evaluate the effectiveness of School Health Education Curricula. Students will plan effective comprehensive health instruction with special emphasis on making curricular connections to effectively integrate health content into multiple disciplines.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 346 First Responder Apprenticeship (1-3 crs)

Prerequisite: KINS 204 or consent of instructor.

Consent: Instructor Consent Required

Experience for qualified students, selected and supervised by faculty members, to facilitate teaching and learning in an athletic training setting. Students enhance their knowledge and their ability to communicate that knowledge to other students.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits

KINS 347 Coaching Apprenticeship (1-3 crs)

Prerequisite: KINS 292 or consent of instructor.

Consent: Instructor Consent Required

Experience for qualified students, selected and supervised by faculty members, to facilitate coaching and learning in a coaching setting. Students enhance their knowledge and their ability to communicate that knowledge to other students.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits

KINS 348 Exercise Science Apprenticeship (1-3 crs)

Prerequisite: KINS 309 or consent of instructor.

Consent: Instructor Consent Required

Experience for qualified students, selected and supervised by faculty members, to facilitate teaching and learning in an exercise science setting. Students enhance their knowledge and their ability to communicate that knowledge to other students.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits

KINS 350 Apprentice in Teaching Physical Education (1-3 crs)

Prerequisite: KINS 290 or consent of instructor.

Consent: Instructor Consent Required

Experience for qualified students, selected and supervised by faculty members, to facilitate teaching and learning in a specific course. Students enhance their knowledge and their ability to communicate that knowledge to other students.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits

KINS 351 Cancer Recovery and Fitness Lab (1 cr)

Prerequisite: KINS 357. Limited to kinesiology majors. Minimum GPA of 2.50.

Consent: Instructor Consent Required

Lecture/ Experience for qualified students, selected and supervised by faculty members, to facilitate applied experiential learning in the field of exercise and cancer recovery. Students enhance their knowledge and ability to communicate that knowledge to others.

Repeat: Course may be repeated for a maximum of 2 credits
Discussion Hours: 0
Lab/Studio Hours: 2

KINS 352 Cancer Recovery and Fitness Seminar (1 cr)

Prerequisite: KINS 357. Limited to kinesiology majors and minors. Minimum resident and total 2.50 grade point average

Consent: Instructor Consent Required

A seminar experience designed for students interested in the area of exercise rehabilitation with cancer survivorship. Students will gain knowledge related to cancer treatment and side-effects, the benefits and fundamentals of exercise principles in cancer recovery, and will gain valuable information related to the survivorship issues currently dealt with in the Cancer Recovery and Fitness community outreach program.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

KINS 355 Exercise Science Lab Assessment (3 crs)

Prerequisite: KINS 304, KINS 308, and KINS 309. Limited to admitted human performance majors.

A theory and lab course of the measurement and analysis of the physiology tests for health and performance commonly used in a human performance lab.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

KINS 357 Essentials of Strength and Conditioning (3 crs)

Prerequisite: KINS 304 and KINS 308. Minimum resident and total GPA of 2.50.

- *Completion of KINS 117 is strongly recommended prior to enrollment in this course for students who do not possess a basic knowledge of strength training technique.*

This course provides an introduction to strength and conditioning program design, implementation, and evaluation.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 358 Health Fitness Instruction (3 crs)

Prerequisite: KINS 355 or concurrent enrollment. Limited to admitted human performance majors.

This course provides students with the theoretical knowledge and practical skills required of the entry-level exercise specialist.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 375 Evaluation Techniques-Lower Body (3 crs)

Prerequisite: KINS 277 with a grade of B- or above or consent of instructor. Limited to athletic training majors.

A theory course that examines the athletic injury/illness evaluation techniques that are essential for the entry-level athletic trainer. Emphasis will be on the lower extremities, abdomen, and low back.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

KINS 376 Evaluation Techniques-Upper Body (3 crs)

Prerequisite: KINS 375 with a grade of B- or above. Limited to admitted athletic training majors.

A theory course that examines the athletic injury/illness evaluation techniques that are essential for the entry-level athletic trainer. Emphasis will be on the chest, upper extremities, head, and neck.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

KINS 391 Special Topics (1-3 crs)

Prerequisite: Limited to kinesiology or athletic training majors, or consent of instructor.

Special topic in kinesiology.

Attributes: Undergraduate/Graduate Offering

KINS 415 Athletic Training Lab and Practicum III (1 cr)

Prerequisite: KINS 316 and KINS 330 with a grade of B- or above and KINS 357. Limited to admitted athletic training majors.

A lab and practicum course designed to develop proficiency in the practical skills and techniques of therapeutic exercise and academic competencies assigned to this course as well as provide supervised clinical experience in athletic training.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 2

KINS 416 Athletic Training Lab and Practicum IV (1 cr)

Prerequisite: KINS 415 and KINS 430 with a grade of B- or above. Limited to admitted athletic training majors.

A lab and practicum course designed to further develop and refine the proficiency skills of athletic training, as well as provide a supervised clinical experience in athletic training.

Attributes: Service-Learning, Full 30 Hours

Lecture/Discussion Hours: 0

Lab/Studio Hours: 2

KINS 417 Soft Tissue Manipulation in Clinical Practice (1 cr)

Prerequisite: BIOL 314 or equivalent; KINS 415 or concurrent enrollment; limited to admitted athletic training majors.

This course is designed to provide an understanding of soft tissue manipulation and how it is integrated into the full spectrum of patient management, via the use of manual and instrument assisted techniques.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 1

KINS 420 Medical Aspects of Athletic Training (3 crs)

Prerequisite: KINS 280 with a grade of B- or above. Limited to admitted athletic training majors.

A theory course that examines various medical specialties, surgical techniques, and clinical evaluations and treatments of athletic-related injuries and illnesses.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 426 Motor Development Across the Lifespan (3 crs)

Prerequisite: Grade of C or above in KINS 294, KINS 304, and KINS 308 for KINS majors and minors. Limited to KINS majors and minors. Other majors/minors by consent of instructor. Minimum total GPA of 2.35.

- *KINS 304 and KINS 308 are recommended prior to enrollment in this course.*

A study of changes in motor behavior across the lifespan, the processes that underlie these changes, and factors that affect them.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 430 Administration and Organization in Athletic Training (3 crs)

Prerequisite: KINS 315 with a grade of B- or above. Limited to athletic training majors. Minimum junior standing.

A theory course that reviews the administrative and organizational concepts in the profession of athletic training.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 440 Human Performance Seminar (3 crs)

Prerequisite: KINS 309, KINS 355, KINS 358, KINS 464, 498, or consent of instructor. Limited to human performance majors. KINS 474 must be taken concurrently.

- *Must be taken with KINS 474.*

The primary purpose of this course is to provide students with an opportunity to review the critical knowledge, skills, and abilities developed throughout the curriculum and to reflect on their undergraduate experience.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 1

KINS 445 Basic Electrocardiography (3 crs)

Prerequisite: BIOL 151 or BIOL 214; KINS 308; or consent of instructor.

This course is designed to fill the needs of students who desire the ability to interpret the resting, normal, and abnormal ECG, as well as provide an overview of cardiac anatomy, function, and neurophysiology.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 450 Applied Nutrition in Kinesiology (3 crs)

Prerequisite: BIOL 151 or BIOL 214, or other equivalent course.

The purpose of this course is to gain insight into nutritional issues related to various populations. Students will assess dietary, physical, and performance standards related to these populations and develop alternative plans for healthy lifestyles.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 460 Psychosocial Aspects of Injury and Illness (3 crs)

Prerequisite: PSYC 100; BIOL 151 or BIOL 214. Minimum junior standing.

This course is designed to explore the psychosocial aspects of injury and illness, the psychosocial impact that injury/illness can have on a patient/client, and to develop skills in assisting patients/clients to respond effectively to injury/illness.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 464 Programming in Gerontology and Special Populations (3 crs)

Prerequisite: KINS 309, KINS 355, and KINS 358 or consent of instructor.

The interaction of aging and special conditions (disease/accident/genetic) with exercise testing and programming.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 466 Community Fitness Programming (3 crs)

Prerequisite: KINS 464 or concurrent enrollment.

Prescribing and leading exercise in the early morning fitness program which includes community members with a wide variety of physical capabilities.

Attributes: Service-Learning, Full 30 Hours, Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

KINS 474 Research Methods in Kinesiology (4 crs)

Prerequisite: MATH 246. Limited to kinesiology and athletic training majors. If an athletic training major, KINS 316 is required prior to enrolling in this course. Minimum total GPA of 2.75.

- *Must be taken with KINS 440 for human performance students.*

Research design and methodology in human health and performance. Current issues in locating, reading, evaluating, and conducting scientific studies. Application of statistics in kinesiology.

Attributes: LE-11 Integration, LE-S3 Creativity

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

KINS 476 Senior Seminar (3 crs)

Prerequisite: Minimum 2.50 total GPA. Limited to Movement Studies and Sport Pedagogy majors and Kinesiology minors.

Consent: Department Consent Required

- *Limited to movement studies and sport pedagogy majors and kinesiology minors in their final year before graduation.*

This is the capstone experience for students in movement studies and sport pedagogy as well as kinesiology minors. Students will develop a portfolio, lead and participate in professional discussions and present a project.

Attributes: Capstone Course

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 484 Adapted Physical Education (3 crs)

Prerequisite: KINS 290

A theory and lab course examining exceptionalities as they apply to the physical education environment. Study includes legal implications, IEPs, individual differences, assessment principles, modification of tasks and learning environments, and field experiences (30 hours).

Attributes: Service-Learning, Full 30 Hours

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

KINS 487 Assessment in Adapted Physical Education (3 crs)

Prerequisite: KINS 484 and SPED 200.

A theory and lab course examining the appropriate assessment tools and procedures for special populations in physical education.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

KINS 491 Practicum in Rehabilitation Science (3 crs)

Consent: Department Consent Required

A lab course applying knowledge and practical skills in a full-time rehabilitation work environment.

Attributes: Service-Learning, Full 30 Hours, Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 3

KINS 492 Coaching Practicum and Seminar (4 crs)

Prerequisite: KINS 292. Minimum senior standing.

Consent: Department Consent Required

Practicum Hours: 4 A capstone experience where the student develops a coaching portfolio. Seminar focuses on special topics in sport. Field experience of a minimum of 60 hours will apply teaching, administrative, and management skills in coaching.

Attributes: Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering,

Capstone Course, Special Course Fee Required

Seminar Hours: 2

KINS 493 Practicum in Adapted Physical Education (3 crs)

Prerequisite: SPED 210 or SPED 306; KINS 484, KINS 487 or concurrent enrollment in KINS 487.

Consent: Department Consent Required

A lab course applying principles of programming and assessment in the special physical education environment.

Attributes: Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering,

Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 3

KINS 494 Practicum in Exercise Science (3 crs)

Prerequisite: Minimum resident and total GPA of 2.75.

Consent: Department Consent Required

A laboratory course applying administrative and leadership skills in a full-time exercise work environment.

Attributes: Service-Learning, Full 30 Hours, Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 3

KINS 495 Directed Studies in Physical Education (1-3 crs)

Consent: Department Consent Required

Group study, under the immediate direction of a physical education faculty member, of a defined problem not covered in existing courses.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

KINS 496 Capstone-Teaching Physical Education (1 cr)

Consent: Instructor Consent Required

Students will integrate and apply their knowledge, skills, and dispositions to case studies and issues in physical education teaching.

Attributes: Capstone Course

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

KINS 498 Human Performance Internship (6 crs)

Prerequisite: KINS 309, KINS 355, KINS 357, and KINS 474. Minimum resident and total GPA of 2.75.

Consent: Instructor Consent Required

- (1) Maintenance of current American Red Cross First Aid and CPR certification or equivalent and, (2) satisfactory completion of a background information disclosure check prior to the start of the internship is required.

Students are provided with an opportunity to integrate and apply the knowledge, skills, and abilities developed through their undergraduate education in a professional setting.

Attributes: Service-Learning, Full 30 Hours, Internship

Grading Basis: S/U Only Grade Basis

KINS 499 Independent Study (1-3 crs)

Prerequisite: Minimum resident and total GPA of 3.00. Minimum junior standing.

Consent: Department Consent Required

Individual research project under the direction of a faculty member.

Repeat: Course may be repeated

KINS 512 Psychology of Sport and Physical Activity (3 crs)

• *Cross-listed with KINS 312. Credit may not be earned in both courses.*

The course will examine psychological aspects which affect peak performance in sport, along with exploring the effect that sport and physical activity have on individuals.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 513 Sociology of Sport and Physical Activity (3 crs)

• *Cross-listed with KINS 313. Credit may not be earned in both courses.*

Introduction to the social influences on sport and physical activity as well as the influence sport has on society.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 535 Introduction to School Health Education and Current Health Issues (3 crs)

• *Cross-listed with KINS 335. Credit may not be earned in both courses.*

A theory- and activity-based course in which students will discover the importance of health education in the schools and explore current health issues surrounding our nation's youth.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 536 Strategies and Assessment in School Health Education (3 crs)

Prerequisite: KINS 335/KINS 535

• *Cross-listed with KINS 336. Credit may not be earned in both courses.*

This course will focus on using experiential learning techniques and developing authentic assessments to be used in school health education classes.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 537 Health Education Curriculum Design (3 crs)

Prerequisite: KINS 336/KINS 536

• *Cross-listed with KINS 337. Credit may not be earned in both courses.*

Students will design and evaluate the effectiveness of School Health Education Curricula. Students will plan effective comprehensive health instruction with special emphasis on making curricular connections to effectively integrate health content into multiple disciplines.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 546 First Responder Apprenticeship (1-3 crs)

Prerequisite: KINS 204 or consent of instructor.

Consent: Instructor Consent Required

• *Cross-listed with KINS 346.*

Experience for qualified students, selected and supervised by faculty members, to facilitate teaching and learning in an athletic training setting. Students enhance their knowledge and their ability to communicate that knowledge to other students.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

KINS 547 Coaching Apprenticeship (1-3 crs)

Prerequisite: KINS 292 or consent of instructor.

Consent: Instructor Consent Required

• *Cross-listed with KINS 347.*

Experience for qualified students, selected and supervised by faculty members, to facilitate coaching and learning in a coaching setting. Students enhance their knowledge and their ability to communicate that knowledge to other students.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

KINS 548 Exercise Science Apprenticeship (1-3 crs)

Prerequisite: KINS 309 or consent of instructor.

Consent: Instructor Consent Required

• *Cross-listed with KINS 348.*

Experience for qualified students, selected and supervised by faculty members, to facilitate teaching and learning in an exercise science setting. Students enhance their knowledge and their ability to communicate that knowledge to other students.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

KINS 550 Apprentice in Teaching Physical Education (1-3 crs)

Prerequisite: KINS 290 or consent of instructor.

Consent: Instructor Consent Required

• *Cross-listed with KINS 350.*

Experience for qualified students, selected and supervised by faculty members, to facilitate teaching and learning in a specific course. Students enhance their knowledge and their ability to communicate that knowledge to other students.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

KINS 557 Essentials of Strength and Conditioning (3 crs)

Prerequisite: KINS 304 and KINS 308.

- *Cross-listed with KINS 357. Credit may not be earned in both courses. Completion of KINS 117 is strongly recommended prior to enrollment in this course for students who do not possess a basic knowledge of strength training technique.*

This course provides an introduction to strength and conditioning program design, implementation, and evaluation.

Attributes: Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 591 Special Topics (1-3 crs)

- *Cross-listed with KINS 391.*

Special topic in kinesiology.

Grading Basis: No S/U Grade Option

KINS 617 Soft Tissue Manipulation in a Clinical Practice (1 cr)

Prerequisite: BIOL 314 or equivalent; KINS 415 or concurrent enrollment; limited to admitted athletic training majors.

This course is designed to provide an understanding of soft tissue manipulation and how it is integrated into the full spectrum of patient management, via the use of manual and instrument assisted techniques.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 1

KINS 645 Basic Electrocardiography (3 crs)

Prerequisite: BIOL 151 or BIOL 214; KINS 308; or consent of instructor.

- *Cross-listed with KINS 445. Credit may not be earned in both courses.*

This course is designed to fill the needs of students who desire the ability to interpret the resting, normal, and abnormal ECG, as well as provide an overview of cardiac anatomy, function, and neurophysiology.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 650 Applied Nutrition in Kinesiology (3 crs)

Prerequisite: BIOL 151 or BIOL 214, or other equivalent course.

- *Cross-listed with KINS 450. Credit may not be earned in both courses.*

The purpose of this course is to gain insight into nutritional issues related to various populations. Students will assess dietary, physical, and performance standards related to these populations and develop alternative plans for healthy lifestyles.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 660 Psychosocial Aspects of Injury and Illness (3 crs)

Prerequisite: PSYC 100; BIOL 151 or BIOL 214.

- *Cross-listed with KINS 460. Credit may not be earned in both courses.*

This course is designed to explore the psychosocial aspects of injury and illness, the psychosocial impact that injury/illness can have on a patient/client, and to develop skills in assisting patients/clients to respond effectively to injury/illness.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 687 Assessment in Adapted Physical Education (3 crs)

Prerequisite: KINS 484 and SPED 200.

- *Cross-listed with KINS 487. Credit may not be earned in both courses.*

A theory and lab course examining the appropriate assessment tools and procedures for special populations in physical education.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

KINS 692 Coaching Practicum and Seminar (4 crs)

Prerequisite: KINS 292

Consent: Department Consent Required

- *Cross-listed with KINS 492. Credit may not be earned in both courses.*

Practicum Hours: 4 A capstone experience where the student develops a coaching portfolio. Seminar focuses on special topics in sport. Field experience of a minimum of 60 hours will apply teaching, administrative, and management skills in coaching.

Attributes: Capstone Course, Special Course Fee Required

Grading Basis: No S/U Grade Option

Seminar Hours: 2

KINS 693 Practicum in Adapted Physical Education (3 crs)

Prerequisite: SPED 210 or SPED 306; KINS 484, KINS 487/KINS 687 or concurrent enrollment in KINS 487/KINS 687.

Consent: Department Consent Required

- *Cross-listed with KINS 493. Credit may not be earned in both courses.*

A lab course applying principles of programming and assessment in the special physical education environment.

Attributes: Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 0

Lab/Studio Hours: 3

KINS 695 Directed Studies in Physical Education (1-3 crs)

Consent: Department Consent Required

- *Cross-listed with KINS 495.*

Group study, under the immediate direction of a physical education faculty member, of a defined problem not covered in existing courses.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

KINS 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: No S/U Grade Option

Languages (LANG)

LANG 121 Beginning Ojibwe (4 crs)

- *Credit may not be earned in both FLG 121 and AIS 121 or LANG 121 and AIS 121. No credit if credit has been earned in AIS 111 when offered as Ojibwe I.*

A foundation in spoken and written Ojibwe language, listening and reading comprehension, grammatical usage, and the cultural backgrounds and experiences of Ojibwe people.

Attributes: Cultural Diversity 3 cr., GE IA Communication-Language Arts, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity, LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

LANG 122 Beginning Ojibwe II (4 crs)

Prerequisite: LANG 121/AIS 121

- *Credit may not be earned in both FLG 122 and AIS 122 or LANG 122 and AIS 122. No credit if credit has been earned in AIS 112 when offered as Ojibwe II.*

Continuation of Beginning Ojibwe I. Further developing elementary speaking, writing, and reading Ojibwe language skills.

Attributes: Cultural Diversity 3 cr., GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

LANG 130 U.S. Culture for Non-Native Speakers (3 crs)

- *Open only to non-native speakers of English. Credit may not in both LANG 130 and ESL 360 or LANG 130 and IDIS 153 when offered as US Culture for Non-Native Speakers.*

Introduction to U.S. culture for international students. Examines U.S. culture's products, practices and perspectives, and major systems (e.g., political, economic, educational) to better understand the U.S. and one's own culture.

Attributes: GE V University Wide, LE-I1 Integration, LE-K2 Social Sciences, Field Trip(s) Required

Lab/Studio Hours: 0

Seminar Hours: 3

LANG 160 Ojibwe Culture and History (3 crs)

Introduction to the culture of the Ojibwe people. Students will learn about Ojibwe history, philosophy, culture, and contemporary communities.

Attributes: Cultural Diversity 3 cr., GE IVD Humanities-Literature, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LANG 221 Intermediate Ojibwe (4 crs)

Prerequisite: FLG 122/AIS 122 or LANG 122/AIS 122.

- *Credit may not be earned in both LANG 221 and AIS 221.*

Continuation of Beginning Ojibwe II. Build on speaking, listening, and reading skills. Learn techniques for using Ojibwe in everyday life

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

LANG 222 Intermediate Ojibwe II (4 crs)

Prerequisite: LANG 221/AIS 221

- *Credit may not be earned in both LANG 222 and AIS 222.*

Lab/Studio Hours; 0Continuation of Intermediate Ojibwe I. Focuses on developing skills necessary to aid language revitalization efforts.

Lecture/Discussion Hours: 4

Latin (LAT)

LAT 101 Beginning Latin (4 crs)

Introduction to the Classical Latin language, with emphasis on grammar, analytic, and translation skills. The course will also serve as an introduction to ancient Roman culture and its impact on modern, western European, and American civilizations.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

LAT 102 Beginning Latin (4 crs)

Prerequisite: LAT 101

Continuation of Latin 101.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

Latin American Studies (LAS)

LAS 150 Introduction to Latin American Studies (3 crs)

An interdisciplinary course introducing students both to the culture and civilization of Latin America and to Latin American Studies at the University of Wisconsin-Eau Claire.

Attributes: Foreign Culture, GE III G Social Science-Interdisciplinary Study, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 222 Introduction to U.S. Latino History and Culture (3 crs)

- For LAS majors and minors credit can only be earned in either LAS 222 ("Introduction to U.S. Latino History and Culture") or LAS 312/LAS 512 / SPAN 312/SPAN 512 ("Latinos in the U.S.").

An interdisciplinary introduction to the history and culture of Latinos in the United States with lectures and course materials in English.

Attributes: Cultural Diversity 3 cr., GE IVE Humanities-Interdisciplinary Studies
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 309 Latin America Through Independence (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

- Credit may not be earned in both HIST 309 and LAS 309.

Pre-Columbian background, establishment of Spanish and Portuguese empires and institutions in the New World, and the struggle for independence.

Attributes: GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 311 Latin America Since Independence (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

- Credit may not be earned in both HIST 311 and LAS 311.

Political, economic, and cultural development from independence to present. Primary emphasis on Mexico and Brazil.

Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 314 Music and Dance of Latin America (3 crs)

An interdisciplinary investigation of Latin American and U.S. Latino music and dance and their influence in the United States.

Attributes: Foreign Culture, Cultural Diversity 1 cr., GE IVE Humanities-Interdisciplinary Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 319 Politics of Latin America (3 crs)

- Credit may not be earned in both POLS 319 and LAS 319.

An examination of major institutions, groups, and selected topics related to Latin American politics.

Attributes: Foreign Culture, GE III D Social Science-Political Science
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 320 Caribbean Politics (3 crs)

Prerequisite: One course in POLS or consent of instructor.

- Credit may not be earned in both POLS 320 and LAS 320.

The dynamics of Anglo-phone and Hispanic Caribbean politics from Colonial rule to the present. Major topics include: colonialism; patterns of decolonization; post-colonial state power; the status of women; and recent trends in structures of dependency and popular resistance.

Attributes: Foreign Culture, GE III D Social Science-Political Science
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 321 Geography of Latin America (3 crs)

- Credit may not be earned in both GEOG 321 and LAS 321.

The physical and cultural landscapes of Latin America, including North, Central, and South America and the Caribbean Islands, with attention to the major cultural, economic, social, and political currents of each region.

Attributes: Foreign Culture, GE III C Social Science-Geography, LE-11 Integration, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 350 Latin American Literature in Translation (3 crs)

- Credit may not be earned in both FLTR 350 and LAS 350.

This course introduces students to Latin American authors and their writings in a historical and social context.

Attributes: Foreign Culture, GE IVD Humanities-Literature, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 352 Latin American Civilization (3 crs)

Prerequisite: SPAN 302 or consent of instructor. No credit if taken after LAS 354 and SPAN 354.

- *Credit may not be earned in both SPAN 352 and LAS 352. No credit if taken after SPAN 351.*

Introduction to the historical background necessary for comprehending contemporary Latin America. Analysis of current social, political, and economic issues, with consideration of influential personalities in present-day Latin American society.

Attributes: Foreign Culture, GE IVD Humanities-Literature, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 354 Latin American Civilization Regional Focus (3 crs)

Prerequisite: SPAN 302 or consent of instructor.

- *Credit may not be earned in both SPAN 354 and LAS 354. Credit may not be earned in both SPAN 352/LAS 352 and SPAN 354/LAS 354. To be taught only in a study abroad program in Latin America. Restricted to semester-long regional civilization courses.*

Introduction to the historical background necessary for comprehending contemporary Latin America through a regional focus. Analysis of current social, political, and economic issues, with consideration of influential personalities in a region of present-day Latin American society.

Attributes: Foreign Culture, GE IVD Humanities-Literature
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 356 Economic Development of Latin America (3 crs)

- *Credit may not be earned in both ECON 356 and LAS 356.*

Analysis of the process of the economic and social development of Latin America. Topics include: nature of economic development, obstacles to economic development, evaluation of economic policies, and the role of women in economic development.

Attributes: Foreign Culture, GE IIIB Social Science-Economics, LE-11 Integration
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 367 Survey of Latin American Literature (3 crs)

Prerequisite: SPAN 302 or consent of instructor.

- *Credit may not be earned in both SPAN 367 and LAS 367. This course is recommended to be taken after study abroad.*

Study and literary analysis of the work of the principal writers of Latin American Literature from indigenous to contemporary literature.

Attributes: Foreign Culture, GE IVD Humanities-Literature, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 390 Latin American Studies Immersion Experience (1-3 crs)

Consent: Instructor Consent Required

Project-based, intensive immersion experience focusing on the social, cultural, and historical aspects of a Latin American country.

Attributes: Foreign Culture, GE IIIG Social Science-Interdisciplinary Study, Service-Learning Optional Half, Field Trip(s) Required
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

LAS 395 Directed Studies (1-4 crs)

Prerequisite: Limited to Latin American Studies majors or minors.

Consent: Department Consent Required

- *Instructor and LAS Program Director permission required.*

Study of a particular topic, issue, language, or question related to Latin America or Latinos in the United States.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

LAS 418 Spanish Sociolinguistics in Latin America/USA (3 crs)

Prerequisite: SPAN 360 or consent of instructor. SPAN 352/LAS 352 highly recommended.

- *Credit may not be earned in both SPAN 418 and LAS 418.*

Addresses theoretical foundations of sociolinguistic variation in Spanish-speaking communities, interplay of social and linguistic factors on dialectal variation of Latin American Spanish, and sociolinguistic methods for data collection.

Lab/Studio Hours: 0
Seminar Hours: 3

LAS 450 Capstone for Latin American Studies (1-3 crs)

Prerequisite: Limited to Latin American Studies majors. Minimum senior standing.

Consent: Instructor Consent Required

Study of a topic or special area pertaining to any aspect of Latin America or Latinos in the U.S. as approved by the supervising instructor and the Latin American Studies program coordinator.

Attributes: Foreign Culture, Capstone Course
Grading Basis: No Auditors

LAS 475 Topics in Latin American Literature (3 crs)

Prerequisite: SPAN 363 or LAS 367/SPAN 367 or consent of instructor.

- *Credit may not be earned in both LAS 475 and SPAN 475.*

In-depth study of a particular area in Latin American literature.

Attributes: Foreign Culture, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 476 The Novel in Latin America I: 1850-1950 (3 crs)

Prerequisite: SPAN 363 or SPAN 367/LAS 367, or consent of instructor.

- *Credit may not be earned in both SPAN 476 and LAS 476.*

Study of the most important novelists of Latin America, from 1850 to 1950.

Attributes: Foreign Culture, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LAS 477 The Novel in Latin America II: 1950-Present (3 crs)

Prerequisite: SPAN 363, or SPAN 367/LAS 367, or consent of instructor.

- *Credit may not be earned in both SPAN 477 and LAS 477.*

Continuation of SPAN/LAS 476. Covers period from 1950 to the present.

Attributes: Foreign Culture, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LAS 480 Latin American Literature and Film (3 crs)

Prerequisite: SPAN 363 or SPAN 367/LAS 367.

- *Credit may not be earned in both SPAN 480 and LAS 480.*

This course is an in-depth study of contemporary Latin American literature and the film versions of the literature in their historical and social contexts.

Attributes: Foreign Culture, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LAS 488 Internship (1-3 crs)

Prerequisite: Limited to Latin American Studies majors or minors.

Consent: Instructor Consent Required

- *Permission required by supervising instructor and Latin American Studies Steering Committee. Acceptance as specified under criteria for admission into the internship (see internship admission requirements). Transportation to internship site and housing arranged by the student. A total of three credits for LAS 488 and LAS 498 will count toward LAS major or minor.*

Students engage in productive academic or professional activity while residing in a Latin American country or participating in an alternative intercultural experience.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: A-F Grades Only

LAS 491 Special Topics (3 crs)

Prerequisite: Completion of University Writing Requirement. SPAN 301 or consent of instructor.

- *See current Class Schedule for specific topic.*

In-depth study of a special topic in the area of literature, linguistics, or cultures of Latinos in the United States and/or the Spanish-speaking world.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LAS 498 Internship with Language Immersion (1-3 crs)

Prerequisite: Limited to Latin American Studies majors or minors.

Consent: Instructor Consent Required

- *Permission required by supervising instructor and Latin American Studies Steering Committee. Acceptance as specified under criteria for admission into the internship (see internship admission requirements). Transportation to internship site and housing arranged by the student. A total of three credits for LAS 488 and LAS 498 will count toward LAS major or minor.*

Students engage in productive academic or professional activity and enhance language proficiency while residing in a Latin American country or participating in an alternative intercultural experience for a minimum of six weeks. Fulfills LAS language immersion requirement.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: A-F Grades Only

LAS 509 Latin America Through Independence (3 crs)

- *Cross-listed with LAS 309 and HIST 309/HIST 509. Credit may only be earned in one of these courses.*

Pre-Columbian background, establishment of Spanish and Portuguese empires and institutions in the New World, and the struggle for independence.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LAS 511 Latin America Since Independence (3 crs)

- *Cross-listed with LAS 311 and HIST 311/HIST 511. Credit may only be earned in one of these courses.*

Political, economic, and cultural development from independence to present. Primary emphasis on Mexico and Brazil.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LAS 521 Geography of Latin America (3 crs)

- *Cross-listed with LAS 321 and GEOG 321/GEOG 521. Credit may only be earned in one of these courses.*

The physical and cultural landscapes of Latin America, including North, Central, and South America and the Caribbean Islands, with attention to the major cultural, economic, social, and political currents of each region.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LAS 550 Latin American Literature in Translation (3 crs)

- *Cross-listed with LAS 350 and FLTR 350/FLTR 550. Credit may only be earned in one of these courses.*

This course introduces students to Latin American authors and their writings in a historical and social context.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LAS 552 Latin American Civilization (3 crs)

Prerequisite: SPAN 302 or consent of instructor. No credit if taken after SPAN 351.

- *Cross-listed with LAS 352 and SPAN 352/SPAN 552. Credit may only be earned in one of these courses.*

Introduction to the historical background necessary for comprehending contemporary Latin America. Analysis of current social, political, and economic issues, with consideration of influential personalities in present-day Latin American society.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LAS 567 Survey of Latin American Literature (3 crs)

Prerequisite: SPAN 302 or consent of instructor.

- *Cross-listed with LAS 367 and SPAN 367/SPAN 567. Credit may only be earned in one of these courses. This course is recommended to be taken after study abroad.*

Study and literary analysis of the work of the principal writers of Latin American Literature from indigenous to contemporary literature.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LAS 595 Directed Study (1-4 crs)

Prerequisite: Limited to Latin American Studies majors and minors.

Consent: Department Consent Required

- *Cross-listed with LAS 395. Instructor and LAS Program Director permission required.*

Study of a particular topic, issue, language, or question related to Latin America or Latinos in the United States.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

LAS 675 Topics in Latin American Literature (3 crs)

Prerequisite: SPAN 363 or LAS 367/SPAN 367 or consent of instructor.

- *Cross-listed with LAS 475 and SPAN 475/SPAN 675.*

In-depth study of a particular area in Latin American literature.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LAS 676 The Novel in Latin America I: 1850-1950 (3 crs)

Prerequisite: SPAN 363/SPAN 563 or SPAN 367/LAS 367 / SPAN 567/LAS 567, or consent of instructor.

- *Cross-listed with LAS 476 and SPAN 476/SPAN 676. Credit may only be earned in one of these courses.*

Study of the most important novelists of Latin America from 1850 to 1950.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LAS 677 The Novel in Latin America II: 1950-Present (3 crs)

Prerequisite: SPAN 363/SPAN 563 or SPAN 367/LAS 367 / SPAN 567/LAS 567, or consent of instructor.

- *Cross-listed with LAS 477 and SPAN 477/SPAN 677. Credit may only be earned in one of these courses.*

Continuation of SPAN/LAS 676. Covers period from 1950 to the present.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LAS 680 Latin American Literature and Film (3 crs)

Prerequisite: SPAN 363/SPAN 563 or SPAN 367/LAS 367 / SPAN 567/LAS 567.

- *Cross-listed with LAS 480 and SPAN 480/SPAN 680. Credit may only be earned in one of these courses.*

This course is an in-depth study of contemporary Latin American literature and the film versions of the literature in their historical and social contexts.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LAS 688 Internship (1-3 crs)

Consent: Instructor Consent Required

- *Cross-listed with LAS 488. Permission required by supervising instructor and Latin American Studies Steering Committee. Acceptance as specified under criteria for admission into the internship (see internship admission requirements). Transportation to internship site and housing arranged by the student. A total of three credits for LAS 488 and LAS 498 will count toward LAS major or minor.*

Students engage in productive academic or professional activity while residing in a Latin American country or participating in an alternative intercultural experience.

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: A-F Grades Only

LAS 691 Special Topics (3 crs)

Prerequisite: SPAN 301 or consent of instructor.

- *Cross-listed with LAS 491. See current Class Schedule for specific topic.*

In-depth study of a special topic in the area of literature, linguistics, or cultures of Latinos in the United States and/or the Spanish-speaking world.

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LAS 698 Internship with Language Immersion (1-3 crs)

Consent: Instructor Consent Required

- *Cross-listed with LAS 498. Permission required by supervising instructor and Latin American Studies Steering Committee. Acceptance as specified under criteria for admission into the internship (see internship admission requirements). Transportation to internship site and housing arranged by the student. A total of three credits for LAS 488 and LAS 498 will count toward LAS major or minor.*

Students engage in productive academic or professional activity and enhance language proficiency while residing in a Latin American country or participating in an alternative intercultural experience for a minimum of six weeks. Fulfills LAS language immersion requirement.

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: A-F Grades Only

Liberal Studies (LS)**LS 201 Introductory Liberal Studies Seminar (3 crs)**

Addresses basic premises of liberal education and liberal studies, including historical exploration of the arts, humanities, natural sciences, and social sciences as interrelated, mutually enriching human enterprises. Introduces the research and creative methodologies used in these fields.

Attributes: GE V University Wide, LE-11 Integration, LE-R3 Civic and Environmental Issues

Lab/Studio Hours: 0

Seminar Hours: 3

LS 301 Liberal Studies Research Seminar (3 crs)

Prerequisite: LS 201 or minimum sophomore standing in the University Honors Program or consent of instructor.

Advanced study of research and creative methodologies used in the arts, humanities, natural sciences, and social sciences. Examines methodological similarities to enhance understanding of the common underpinnings that define liberal studies and human inquiry as well as differences in rhetorical strategies, questions asked, and tools used.

Attributes: LE-11 Integration

Lab/Studio Hours: 0

Seminar Hours: 3

LS 395 Directed Studies (1-3 crs)

Prerequisite: LS 201

Consent: Department Consent Required

For the student who wishes to pursue study of an interdisciplinary topic under the guidance of a faculty member.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

LS 399 Independent Study-Juniors (1-3 crs)

Prerequisite: LS 201

Consent: Department Consent Required

For the student who wishes to pursue independent study of an interdisciplinary topic under the guidance of a faculty member.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

LS 480 Liberal Studies Capstone Seminar (3 crs)

Prerequisite: LS 301. Minimum senior standing.

Culminating experience of the Liberal Studies Major. Focuses on critical inquiry in and complex interactions between the arts, humanities, natural sciences, and social sciences. Completion of a semester-long project related to the theme of the major.

Attributes: Capstone Course

Lab/Studio Hours: 0

Seminar Hours: 3

LS 498 Internship (1-6 crs)

Prerequisite: LS 201

Consent: Department Consent Required

Provides applied experience in an area of interest with content related to a student's theme of study.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

LS 499 Independent Study - Seniors (1-3 crs)

Prerequisite: LS 201

Consent: Department Consent Required

For the student who wishes to pursue independent study of an interdisciplinary topic under the guidance of a faculty member.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

Library Science and Media Education (LMED)

LMED 100 How to Use the Library (1 cr)

Prerequisite: Credit cannot be earned in both LMED 100 and LMED 110. Not available for juniors or seniors.

- *Not applicable to the minor.*

Locating materials and services of the McIntyre Library, with emphasis on search procedures.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

LMED 110 Developing Library Skills (2 crs)

Prerequisite: Not available for juniors or seniors. Credit may not be earned in both LMED 100 and LMED 110.

Consent: Department Consent Required

- *Not applicable to the minor.*

Locating materials and services in the McIntyre Library, with emphasis on search procedures.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

LMED 305 Children's Literature (3 crs)

Prerequisite: Limited to teaching majors or library science minors. Minimum sophomore standing.

Survey of literature for children in both print and nonprint formats.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LMED 306 Literature For Adolescents (3 crs)

Prerequisite: Minimum sophomore standing.

Study of literature for young people--middle and high school ages--with emphasis on trends and issues, development of the adolescent novel, genres, author profiles, and reading promotional tools.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LMED 310 Developing Media Collections (3 crs)

Prerequisite: Minimum sophomore standing.

Selecting and evaluating library and audiovisual materials.

Attributes: Undergraduate/Graduate Offering

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LMED 312 Reference: Information Services for Public and Community (3 crs)

Prerequisite: Limited to LMED minors. Minimum sophomore standing.

Theory, application, and practice of library reference with emphasis on providing information and related services to individuals and communities.

Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LMED 316 Organizing Media (3 crs)

Prerequisite: Minimum sophomore standing.

Theory and practice of cataloging and classifying print and non-print information resources.

Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 1

LMED 382 Producing Instructional Media (3 crs)

Prerequisite: ES 381 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences and library science minors.

Planning and producing audio, computer, graphic, photographic, and video instructional materials.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 1

LMED 408 Computers in Education: Online Communications and Information Retrieval (3 crs)

Prerequisite: ES 381 or consent of instructor.

Application of computer-mediated communications (e.g., electronic mail, discussion lists, UseNet news, chats, and groupware) and computer-based information retrieval resources (e.g., online databases, CD-ROM databases, and Internet resources) to classroom environments. Includes online resource creation and evaluation.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LMED 430 Public Library Administration (3 crs)

Prerequisite: LMED 310 or LMED 312 or LMED 316 or consent of instructor.

Operation and management principles for public libraries.

Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LMED 432 Administering School Media Programs (3 crs)

Prerequisite: LMED 310 or LMED 312 or LMED 316 or consent of instructor.

Operation and management principles of school library media programs.

Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LMED 450 Computers in Libraries/IMCs (1-3 crs)

An introduction to the use of computers for instruction, record-keeping, and information retrieval.

Attributes: Field Trip(s) Required

Repeat: Course may be repeated

LMED 461 Field Experience: Elementary Media Center (3 crs)

Prerequisite: 21 crs LMED cert seq; ES 304, ES 305, ES 306, ES 307, ES 308, ES 309; or ES 312, ES 317, ES 318, ES 328; Minimum sophomore standing. Limited to teaching majors admitted to College of Education and Human Sciences. Consent: Instructor Consent Required

Observation and practice in an elementary school library or media center.

Attributes: Undergraduate/Graduate Offering

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LMED 462 Field Experience: Secondary Media Center (3 crs)

Prerequisite: 21 cr LMED cert seq; ES 304, ES 305, ES 306, ES 307, ES 308, ES 309; or ES 312, ES 317, ES 318, ES 328. Minimum sophomore standing. Limited to teaching majors admitted to College of Education and Human Sciences. Consent: Instructor Consent Required

Observation and practice in a secondary school library or media center.

Attributes: Undergraduate/Graduate Offering

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LMED 463 Field Experience: Advanced Public Library Administration or Special Library (3 crs)

Prerequisite: Limited to LMED minors. Fifteen credits in LMED minor with a minimum GPA of 2.50. Minimum sophomore standing.

Consent: Department Consent Required

• *A minimum GPA of 2.50 in LMED courses.*

Observation and applications of advanced administration skills in public or special library.

Attributes: Field Trip(s) Required

Grading Basis: No S/U Grade Option

LMED 466 Internship: Elementary Media Center (3 crs)

Prerequisite: 21 crs. LMED cert seq; ES 304, ES 305, ES 306, ES 307, ES 308, ES 309; or ES 312, ES 317, ES 318, ES 328. Minimum sophomore standing. Limited to teaching majors admitted to College of Education and Human Sciences.

Consent: Department Consent Required

A paid supervised practicum that is contingent upon the availability of a position.

Attributes: Undergraduate/Graduate Offering, Internship, Special Course Fee Required

Grading Basis: No S/U Grade Option

LMED 467 Internship: Secondary Media Center (3 crs)

Prerequisite: 21 crs LMED cert seq; ES 304, ES 305, ES 306, ES 307, ES 308, ES 309; or ES 312, ES 317, ES 318, ES 328. Minimum sophomore standing. Limited to teaching majors admitted to College of Education and Human Sciences.

Consent: Department Consent Required

A paid supervised practicum that is contingent upon the availability of a position.

Attributes: Undergraduate/Graduate Offering, Internship, Special Course Fee Required

Grading Basis: No S/U Grade Option

LMED 468 Internship: Public and Special Libraries (3 crs)

Prerequisite: Minimum of 18 credits in LMED minor. Minimum 2.50 GPA in LMED courses. Minimum sophomore standing.

A paid supervised practicum that is contingent upon the availability of a position.

Attributes: Internship

Grading Basis: No S/U Grade Option

LMED 495 Directed Study (1-3 crs)

Prerequisite: Minimum senior standing.

• *Arranged by department in response to need.*

Group study, under the immediate direction of a Library Science and Media Education faculty member, of a defined problem not covered in existing courses.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

LMED 499 Independent Study (1-3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Study of a library media issue under the supervision of a Library Media faculty.

Repeat: Course may be repeated

LMED 505 Children's Literature (3 crs)

Prerequisite: Limited to teaching majors or library science minors.

• *Cross-listed with LMED 305. Credit may not be earned in both courses.*

Survey of literature for children in both print and nonprint formats.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LMED 506 Literature For Adolescents (3 crs)• *Cross-listed with LMED 306. Credit may not be earned in both courses.*

Study of literature for young people--middle and high school ages--with emphasis on trends and issues, development of the adolescent novel, genres, author profiles, and reading promotional tools.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LMED 510 Developing Media Collections (3 crs)• *Cross-listed with LMED 310. Credit may not be earned in both courses.*

Selecting and evaluating library and audiovisual materials.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LMED 512 Reference: Information Services for Public and Community (3 crs)• *Cross-listed with LMED 312. Credit may not be earned in both courses.*

Theory, application, and practice of library reference with emphasis on providing information and related services to individuals and communities.

Attributes: Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LMED 516 Organizing Media (3 crs)• *Cross-listed with LMED 316. Credit may not be earned in both courses.*

Theory and practice of cataloging and classifying print and non-print information resources.

Attributes: Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 1

LMED 582 Producing Instructional Media (3 crs)

Prerequisite: ES 381 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences and library science minors.

• *Cross-listed with LMED 382. Credit may not be earned in both courses.*

Planning and producing audio, computer, graphic, photographic, and video instructional materials.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 1

LMED 630 Public Library Administration (3 crs)

Prerequisite: LMED 310/LMED 510 or LMED 312/LMED 512 or LMED 316/LMED 516 or consent of instructor.

• *Cross-listed with LMED 430. Credit may not be earned in both courses.*

Operation and management principles for public libraries.

Attributes: Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LMED 632 Administering School Media Programs (3 crs)

Prerequisite: LMED 310/LMED 510 or LMED 312/LMED 512 or LMED 316/LMED 516 or consent of instructor.

• *Cross-listed with LMED 432. Credit may not be earned in both courses.*

Operation and management principles of school library media programs.

Attributes: Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LMED 661 Field Experience: Elementary Media Center (3 crs)

Prerequisite: 21 crs. LMED certificate sequence.

Consent: Instructor Consent Required

• *Cross-listed with LMED 461. Credit may not be earned in both courses.*

Observation and practice in an elementary school library or media center.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LMED 662 Field Experience: Secondary Media Center (3 crs)

Prerequisite: 21 crs. LMED certificate sequence.

Consent: Instructor Consent Required

• *Cross-listed with LMED 462. Credit may not be earned in both courses.*

Observation and practice in a secondary school library or media center.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LMED 666 Internship: Elementary Media Center (3 crs)

Prerequisite: 21 crs. LMED certificate sequence.

Consent: Department Consent Required

- *Cross-listed with LMED 466. Credit may not be earned in both courses.*

A paid supervised practicum that is contingent upon the availability of a position.

Attributes: Internship, Special Course Fee Required

Grading Basis: No S/U Grade Option

LMED 667 Internship: Secondary Media Center (3 crs)

Consent: Department Consent Required

- *Cross-listed with LMED 467. Credit may not be earned in both courses.*

A paid supervised practicum that is contingent upon the availability of a position.

Attributes: Internship, Special Course Fee Required

Grading Basis: No S/U Grade Option

LMED 695 Directed Study (1-3 crs)

- *Cross-listed with LMED 495. Arranged by department in response to need.*

Group study, under the immediate direction of a Library Science and Media Education faculty member, of a defined problem not covered in existing courses.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

LMED 708 Computers in Education: Online Communications and Information Retrieval (3 crs)

Consent: Instructor Consent Required

Explores world of digital libraries and librarianship in networked environments. Considers importance of collaborative knowledge development and customizing the library environment. Reflects on interrelated roles of librarians, students, teachers, and technology expertise in the virtual learning environment.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LMED 710 Seminar in Children's Literature (1-3 crs)

Prerequisite: Introductory course or consent of instructor

Reading, discussing, and evaluating contemporary literature for children; analyzing trends and issues.

Attributes: Field Trip(s) Required

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

LMED 720 Seminar in Literature for the Young Adult (1-3 crs)

Prerequisite: Introductory course or consent of instructor

Reading, discussing, and evaluating contemporary literature for young adults; analyzing trends and issues.

Attributes: Field Trip(s) Required

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

LMED 730 Trends and Issues in Literature: K-12 (3 crs)

Reading, discussing, and evaluating contemporary literature for children and young adults; analyzing trends and issues.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LMED 750 Computers in Libraries/IMCs (3 crs)

This course examines current and emerging technological systems and software using schools and libraries, their selection, implementation, management, and evaluation as well as legal and ethical issues involved in their use.

Attributes: Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LMED 760 Advanced Production of Instructional Media (3 crs)

Prerequisite: LMED 382/LMED 582 or consent of instructor.

Instructional design and advanced techniques for the production of graphic, photographic, video, and computer-generated media.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LMED 770 Administering District Media Programs (3 crs)

Organization and management principles for district library media programs.

Attributes: Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LMED 790 Current Issues in Supervising Media Programs (1-3 crs)

- *Eligibility for certification as an Instructional Library Media Specialist (902).*

Planning, implementing, and supervising media programs.

Attributes: Field Trip(s) Required

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

LMED 796 Directed Study (1-3 crs)

Consent: Instructor Consent Required

A group may investigate problems common to libraries and media centers.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

LMED 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

Management (MGMT)

MGMT 200 Developing the Leader Within You (3 crs)

Prerequisite: Minimum sophomore standing.

A proactive approach to developing future leaders. Primary focus is aiding participants in gaining a better understanding and awareness of themselves through the enhancement of their self-worth and self-esteem.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 210 Service-Learning in Management (1 cr)

Students must complete 30 hours of volunteer service. Type of service must be approved by your faculty supervisor. A journal must be kept throughout the service-learning project documenting when, how long, and the type of activity. The service-learning project must be completed within one calendar year (preferably one semester). Assignments outstanding longer than this will be graded unsatisfactory.

Attributes: Service-Learning, Full 30 Hours

Grading Basis: S/U Only Grade Basis

MGMT 271 Introduction to the Entrepreneur Process and Mindset (2 crs)

Prerequisite: Not available for seniors. Minimum sophomore standing.

- *Registration preference provided to College of Business majors.*

Students learn about the entrepreneurial process and how ideas are examined for market, operational, and financial feasibility. Entrepreneurial characteristics of successful entrepreneurs will also be evaluated.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MGMT 340 Organizational Behavior (3 crs)

Prerequisite: ECON 103 and ECON 104, ACCT 201, IS 240, and completion of 54 credits.

- *BCOM 206 and BCOM 207 are recommended prior to enrollment in this course.*

Review of the theories and applications of behavioral science research in human organizations. Topics include: motivation, group dynamics, communication, leadership, conflict, and change.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 341 Operations Management (3 crs)

Prerequisite: ECON 103 and ECON 104, ACCT 201, IS 240, BSAD 202 or MATH 246, MATH 109 and completion of 54 credits.

Processing of inputs into outputs consisting of goods and services; includes plant and machine location and layout, materials handling, work methods and simplification, manpower planning, inventory control, quality control, maintenance, and operational control.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 342 Quality Management (3 crs)

Prerequisite: MGMT 341. Minimum junior standing.

An examination of the technical and the managerial issues that are important in understanding and implementing quality assurance in manufacturing and service organizations.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 343 Supply Chain Management (3 crs)

Prerequisite: MGMT 341. Minimum junior standing.

- *This class requires access to a laptop computer which can be brought to class when required.*

Design and operation of effective purchasing processes. Supplier and supply chain management, with emphasis on globalization, and the role of information technology in enabling contemporary supply chain strategy.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 344 Quantitative Methods for Management and Operations (3 crs)

Prerequisite: ACCT 201; ECON 103, 104; IS 240; MATH 246; MGMT 341. Limited to management majors with operations and supply chain emphasis, or department permission.

- *This class requires access to a laptop computer that can be brought to class when required.*

Tools and methods for data analysis in support of business decision making. Graphical analysis, regression, model building, time series analysis, and decision making under uncertainty. Extensive hands-on data analysis using spreadsheet and statistical software.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 345 Managing Global Organizations (3 crs)

Prerequisite: MGMT 340. Minimum junior standing.

- *Cross-listed with INTB 345. Credit may not be earned in both MGMT 345 and INTB 345. BCOM 206 and BCOM 207 are recommended prior to enrollment in this course.*

Examines issues in managing international operations including strategies, joint ventures/strategic alliances, organizational design, culture, human resources, and labor issues in addition to political and legal constraints operating across regional trading areas.

Attributes: Foreign Culture, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 347 Risk Management and Insurance (3 crs)

Prerequisite: ECON 103, ECON 104, IS 240, ACCT 201. Minimum junior standing.

This course introduces fundamentals of risk management and insurance. It addresses personal/commercial insurance and risk management alternatives. Students acquire basic knowledge on protecting the assets of companies they work for and handling personal insurance.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 349 Human Resource Management (3 crs)

Prerequisite: ECON 103, 104; ACCT 201; BSAD 202 or MATH 246. Minimum junior standing.

- *MGMT 340 and BCOM 207 are recommended prior to enrollment in this course.*

Examines policies and practices relating to recruitment, selection, training and development, performance appraisal, reward systems, and employee relations. Strategic human resource planning, equal employment opportunity laws, and international human resource management issues are also addressed.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 354 Materials Management Simulation (1 cr)

Prerequisite: MGMT 341.

Simulation and analysis of different types of factory production and distribution systems using Goldratt simulation and constraint theory.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

MGMT 371 Introduction to Entrepreneurship (3 crs)

Prerequisite: Minimum 48 credits completed

Study of characteristics of successful entrepreneurs and successful entrepreneurial ventures. Development of creative thinking skills. Examination of techniques for generating new business ideas. Examination of market, operational, and financial feasibility.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 373 New Venture Feasibility (3 crs)

Prerequisite: MGMT 371

Students apply market research techniques to refine their business ideas and evaluate market feasibility. Students learn how to conduct operational and financial analyses in the design of a feasible business model.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 374 New Venture Start-Up and Growth (3 crs)

Prerequisite: MGMT 371, MGMT 373.

Students learn how to launch a new product and explore the range of functional details involved in a new venture start-up. Strategies for growing the business and challenges in management growth are addressed.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 398 Internship Program I (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

- *Acceptance in Internship Program. See description under College of Business. A maximum of three credits of BSAD, MGMT, and MKTG 398 may be applied to the 120-credit graduation requirement. Students must have the service-learning option approved prior to starting the Internship.*

Students will participate in work experiences related to their area of interest.

Attributes: LE-11 Integration, Service-Learning Optional, Internship, Special Course Fee Required

Repeat: Course may be repeated for a maximum of 3 credits

MGMT 399 Independent Study Projects (1-4 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

MGMT 414 Small Business Consulting (3 crs)

Prerequisite: Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Minimum senior standing.

Consent: Instructor Consent Required

Involves the thorough analysis and review of actual small business clients submitted by the Small Business Administration under the Small Business Institute Program and making recommendations that will be beneficial to the client in operating the business.

Attributes: Service-Learning Optional, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 441 Service Operations Management (3 crs)

Prerequisite: Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Minimum junior standing.

Design of service systems; management techniques and issues in ongoing service operations.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 442 Production Planning and Control (3 crs)

Prerequisite: MGMT 341. Minimum junior standing.

The design and use of procedures for managing production systems; includes process planning and routing, scheduling, dispatching, and progress control.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 443 Process Simulation and Analysis (3 crs)

Prerequisite: MATH 245 or MATH 246. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Minimum junior standing.

• *This class requires access to a laptop computer which can be brought to class when required.*

Simulation modeling and analysis using spreadsheets and discrete-event simulation software. Through a series of modeling exercises, students will examine a number of process design and scheduling issues relevant to manufacturing and service operations.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 445 Compensation Theory and Administration (3 crs)

Prerequisite: BSAD 202 or MATH 245/MATH 246; BSAD 305.

• *MGMT 340 and MGMT 349 are recommended prior to enrollment in this course.*

Study of theories, methods, and practices of compensation in organizations.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 446 Advanced Organizational Behavior (3 crs)

Prerequisite: Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Minimum junior standing.

In-depth analysis and critique of current and provocative topics in organizational behavior in the context of the modern organization with a focus on organizational effectiveness. Topics include citizenship behavior, work-family conflict, and change and development.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 449 Strategic Management in a Global Business Environment (3 crs)

Prerequisite: ACCT 201, IS 240, BCOM 206, BCOM 207, BSAD 300, BSAD 305, FIN 320, MKTG 330, MGMT 340, MGMT 341. Minimum senior standing.

• *Students will be required to purchase access to the GLOBUS online strategic management simulation.*

Covers the formulation and implementation of business strategy in a global environment. Case studies and simulations provide an integrative view of international business operations from a total enterprise perspective. This course contains an integrated communication component.

Attributes: LE-11 Integration, Capstone Course, Special Course Fee Required

Varies by Term/Section

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 452 Master Planning of Resources (1 cr)

Prerequisite: MGMT 442 or concurrent enrollment. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330.

Principles and processes of master planning of resources. Demand management, sales and operations planning, and master scheduling. Development of operations plans, validating and evaluating performance at all levels of master planning.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

MGMT 453 Detailed Planning and Scheduling (1 cr)

Prerequisite: MGMT 442 or concurrent enrollment.

Consent: Department Consent Required

Material and capacity scheduling and planning, including a detailed explanation of material requirements planning (MRP) and capacity requirements planning (CRP), introduction of other material planning techniques and capacity-planning techniques.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

MGMT 455 Industrial Relations (3 crs)

Prerequisite: MGMT 349 or concurrent enrollment. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Minimum junior standing.

Problems, hazards, and procedures which will be of assistance in establishing and maintaining good union-management relationships.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 459 Advanced Human Resource Management (2 crs)

Prerequisite: MGMT 349. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Minimum junior standing.

Provides students the opportunity to study in-depth human resource topics of the nature of work, recruitment, selection, training and development, compensation, benefits, labor relations, and health and safety.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MGMT 461 Lean Manufacturing Systems and Concepts (3 crs)

Prerequisite: Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330.

Concepts, tools, and techniques applied in the design and operation of lean manufacturing systems.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 471 Business Plan Considerations and Drafting (3 crs)

Prerequisite: MGMT 371, MGMT 373, and MGMT 374. Minimum senior standing.

Students learn to refine and communicate business ideas in an entrepreneurial environment and present market, operational, and financial feasibility in a structured written business plan. Students will make a formal presentation of the plan to a panel of professionals.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 492 Topics in Human Resource Management (1-3 crs)

Prerequisite: MGMT 349. Additional prerequisites may be required depending on the topic. (See current Class Schedule.) Minimum junior standing.

• *Additional prerequisites may be required depending on the topic. (See current Class Schedule.)*

Current issues in human resource management will be the focus of attention. Topic selection will be made by the instructor. Issues will be those facing contemporary HRM professionals.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

MGMT 493 Topics in Operations Management (1-3 crs)

Prerequisite: MGMT 341. Additional prerequisites may be required depending on the topic. (See current Class Schedule.) Minimum junior standing.

• *Additional prerequisites may be required depending on the topic. (See current Class Schedule.)*

Current issues in operations management will be the focus of attention. Topic selection will be made by the instructor. Issues will be those facing contemporary operations professionals.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

MGMT 494 Topics in Leadership (1-4 crs)

Prerequisite: Minimum junior standing.

• *Additional prerequisites may be required depending on the topic. (See current Class Schedule.)*

Current issues in leadership will be the focus of attention. Topic selection will be made by the instructor. Issues will be those facing contemporary leaders.

Repeat: Course may be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 1-3

Lab/Studio Hours: 0

MGMT 495 Directed Projects (3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Internship experiences in business situations relevant to student's major field of study; under supervision of faculty member.

Repeat: Course may be repeated

MGMT 498 Internship Program II (1-3 crs)

Prerequisite: Minimum senior standing. Admission to College of Business required. See current catalog for College of Business admission criteria.

Consent: Department Consent Required

- *Acceptance in Internship Program. See description under College of Business. Additive credit only. May not be applied to the 120-credit graduation requirement. Students must have the service-learning option approved prior to starting the Internship.*

Students will participate in work experiences related to their area of interest.

Attributes: LE-11 Integration, Service-Learning Optional, Internship, Special Course Fee Required

Repeat: Course may be repeated

MGMT 499 Independent Study Projects (1-4 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

MGMT 542 Quality Management (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with MGMT 342. Credit may not be earned in both courses.*

An examination of the technical and the managerial issues that are important in understanding and implementing quality assurance in manufacturing and service organizations.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 543 Supply Chain Management (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with MGMT 343. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.*

Design and operation of effective purchasing processes. Supplier and supply chain management, with emphasis on globalization, and the role of information technology in enabling contemporary supply chain strategy.

Attributes: Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 545 Managing Global Organizations (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with MGMT 345 and INTB 345/INTB 545. Credit may be earned in only one course. BCOM 206 and BCOM 207 are recommended prior to enrollment in this course.*

Examines issues in managing international operations including strategies, joint ventures/strategic alliances, organizational design, culture, human resources, and labor issues in addition to political and legal constraints operating across regional trading areas.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 549 Human Resource Management (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with MGMT 349. Credit may not be earned in both courses. BCOM 207 is recommended prior to enrollment in this course.*

Examines policies and practices relating to recruitment, selection, training and development, performance appraisal, reward systems, and employee relations. Strategic human resource planning, equal employment opportunity laws, and international human resource management issues are also addressed.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 554 Materials Management Simulation (1 cr)

Prerequisite: Limited to MBA students.

- *Cross-listed with MGMT 354. Credit may not be earned in both courses.*

Simulation and analysis of different types of factory production and distribution systems using Goldratt simulation and constraint theory.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

MGMT 614 Small Business Consulting (3 crs)

Prerequisite: Limited to MBA students.

Consent: Instructor Consent Required

- *Cross-listed with MGMT 414. Credit may not be earned in both courses.*

Involves the thorough analysis and review of actual small business clients submitted by the Small Business Administration under the Small Business Institute Program and making recommendations that will be beneficial to the client in operating the business.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 641 Service Operations Management (3 crs)

Prerequisite: Limited to MBA students.

Consent: Department Consent Required

- *Cross-listed with MGMT 441. Credit may not be earned in both courses.*

Design of service systems; management techniques and issues in ongoing service operations.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 642 Production Planning and Control (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with MGMT 442. Credit may not be earned in both courses.*

The design and use of procedures for managing production systems; includes process planning and routing, scheduling, dispatching, and progress control.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 643 Process Simulation and Analysis (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with MGMT 443. Credit may not be earned in both courses. This course requires access to a laptop computer which can be brought to class when required.*

Simulation modeling and analysis using spreadsheets and discrete-event simulation software. Through a series of modeling exercises, students will examine a number of process design and scheduling issues relevant to manufacturing and service operations.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 645 Compensation Theory and Administration (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with MGMT 445. Credit may not be earned in both courses. MGMT 340 and MGMT 349/MGMT 549 are recommended prior to enrollment in this course.*

Study of theories, methods, and practices of compensation in organizations.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 646 Advanced Organizational Behavior (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with MGMT 446. Credit may not be earned in both courses.*

In-depth analysis and critique of current and provocative topics in organizational behavior in the context of the modern organization with a focus on organizational effectiveness. Topics include citizenship behavior, work-family conflict, and change and development.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 652 Master Planning of Resources (1 cr)

Prerequisite: MGMT 442/MGMT 642 or concurrent enrollment. Limited to MBA students.

- *Cross-listed with MGMT 452. Credit may not be earned in both courses.*

Principles and processes of master planning of resources. Demand management, sales and operations planning, and master scheduling. Development of operations plans, validating and evaluating performance at all levels of master planning.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

MGMT 655 Industrial Relations (3 crs)

Prerequisite: MGMT 349/MGMT 549 or concurrent enrollment. Limited to MBA students.

- *Cross-listed with MGMT 455. Credit may not be earned in both courses.*

Problems, hazards, and procedures which will be of assistance in establishing and maintaining good union-management relationships.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 659 Advanced Human Resource Management (2 crs)

Prerequisite: MGMT 349/MGMT 549 or concurrent enrollment. Limited to MBA students.

- *Cross-listed with MGMT 459. Credit may not be earned in both courses.*

Provides students the opportunity to study in-depth human resource topics of the nature of work, recruitment, selection, training and development, compensation, benefits, labor relations, and health and safety.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MGMT 661 Lean Manufacturing Systems and Concepts (3 crs)

Prerequisite: Limited to MBA students.

Consent: Department Consent Required

- *Cross-listed with MGMT 461. Credit may not be earned in both courses.*

Concepts, tools, and techniques applied in the design and operation of lean manufacturing systems.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 692 Topics in Human Resource Management (1-3 crs)

Prerequisite: MGMT 349/MGMT 549. Limited to MBA students.

Consent: Department Consent Required

- *Cross-listed with MGMT 492.*

Current issues in human resource management will be the focus of attention. Topic selection will be made by the instructor. Issues will be those facing contemporary HRM professionals.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

MGMT 693 Topics in Operations Management (1-3 crs)

Prerequisite: Limited to MBA students.

Consent: Department Consent Required

- *Cross-listed with MGMT 493. Additional prerequisites may be required depending on the topic. (See current Class Schedule.)*

Current issues in operations management will be the focus of attention. Topic selection will be made by the instructor. Issues will be those facing contemporary operations professionals.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

MGMT 740 Organizational Management Foundation (2 crs)

Prerequisite: Limited to MBA students.

- *Not for MBA degree credit.*

Introduction to the science and business of managing organizations. Students examine behavioral theories and research studies, investigate strategies corporations employ to enhance organizational performance, and review current issues, opportunities, and challenges facing companies today.

Attributes: Higher Cost Per Credit

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MGMT 741 Operations Foundation (2 crs)

Prerequisite: Limited to MBA students.

- *Previous statistics coursework required. Not for MBA degree credit.*

Study of the operations function within organizations that produce goods and/or services.

Attributes: Higher Cost Per Credit

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MGMT 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

Marketing (MKTG)

MKTG 210 Service-Learning in Marketing (1 cr)

Students must complete 30 hours of volunteer service. Type of service must be approved by your faculty supervisor. A journal must be kept throughout the service-learning project documenting when, how long, and the type of activity. The service-learning project must be completed within one calendar year (preferably one semester). Assignments outstanding longer than this will be graded unsatisfactory.

Attributes: Service-Learning, Full 30 Hours

Grading Basis: S/U Only Grade Basis

MKTG 330 Principles of Marketing (3 crs)

Prerequisite: ECON 103 and ECON 104, ACCT 201, IS 240, and completion of 54 credits.

This course examines how profit and nonprofit organizations identify and evaluate customer needs; select target markets; and create, price, promote, and distribute need-satisfying products/services to individuals, organizations, and society.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 331 Buyer Behavior (3 crs)

Prerequisite: MKTG 330 or concurrent enrollment. Minimum junior standing.

Examines the personal characteristics and external forces influencing the buyer's purchase behavior. Includes an emphasis on implications for marketing strategy development.

Attributes: Cultural Diversity 1 cr.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 332 Marketing Communications and Promotion Analysis (3 crs)

Prerequisite: MKTG 330. Minimum junior standing.

Integrated marketing communications and its applications in advertising, direct marketing, sales promotion, personal selling, internet marketing, and public relations. Emphasis on promotional campaign strategies, implementation and evaluation, including category management assessment, marketing databases, media selection, and campaign effectiveness.

Attributes: Service-Learning Optional, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 334 Marketing Research (3 crs)

Prerequisite: BSAD 202 or MATH 246; MKTG 330. Minimum junior standing.

Application of research techniques in the marketplace, and role of marketing information within the firm as a management tool in decision making.

Attributes: Service-Learning Optional, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 335 International Marketing (3 crs)

Prerequisite: MKTG 330. Minimum junior standing.

- *Cross-listed with INTB 335. Credit may not be earned in both MKTG 335 and INTB 335.*

Principles, policies, and problems of marketing goods in international markets. Concepts, strategies, and policies of world trade and multinational firms.

Attributes: Foreign Culture, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 336 Business Logistics Management (3 crs)

Prerequisite: MKTG 330. Minimum junior standing.

Examines the flow of materials and information through the logistics pipeline from a systems perspective. The strategic management of areas such as supply chain relationships, LIS, distribution, materials movement and storage, inventory levels, and transnational tactics are stressed.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 337 Professional Selling (3 crs)

Prerequisite: MKTG 330 or concurrent enrollment. Minimum junior standing.

A behavioral, pragmatic study of the process of personally persuading prospects to buy products, services, or ideas, leading to the mutual satisfaction of the goals of both buyer and seller.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 338 Marketing Analytics and Technology (3 crs)

Prerequisite: IS 240; MATH 246; MKTG 330 or concurrent enrollment.

- *This class requires access to a laptop computer which can be brought to class when required.*

Analytical approaches to marketing decision-making using software and database (e.g., Nielsen retail databases, among others). Emphasis will be placed on Internet marketing, customer relationship management, retail and survey/statistical analyses.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 372 Advanced Marketing for Entrepreneurs (3 crs)

Prerequisite: MGMT 371; MKTG 330; Admission to the College of Business. See current catalog for College of Business admission criteria.

Students learn to identify and examine successful strategies in an entrepreneurial environment, and how opportunities are pursued in a global business environment.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 398 Internship Program I (1-3 crs)

Prerequisite: Minimum junior standing

Consent: Department Consent Required

- *Acceptance in Internship Program. See description under College of Business. A maximum of three credits of BSAD, MGMT, and MKTG 398 may be applied to the 120-credit graduation requirement. Students must have the service-learning option approved prior to starting the Internship.*

Students will participate in work experiences related to their area of interest.

Attributes: LE-11 Integration, Service-Learning Optional, Internship, Special Course Fee Required

Repeat: Course may be repeated for a maximum of 3 credits

MKTG 399 Independent Study Projects (1-4 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

MKTG 425 Marketing in Service Organizations (3 crs)

Prerequisite: MKTG 330

A reconsideration of traditional marketing topics in the context of a variety of service organizations. Emphasis is placed on discussion of how product-oriented marketing activities need to be adjusted or even reinvented to accommodate "non-products."

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 432 Retail Management (3 crs)

Prerequisite: MKTG 330. Minimum junior standing.

The study of the retail function and its role in the exchange process. Topics include consumer behavior, retail pricing, store location, merchandising, vendor relationships, and human resource management.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 433 Sales Management (3 crs)

Prerequisite: MKTG 330. Minimum junior standing.

Positions in sales management are among the first managerial assignments many business students receive. This course focuses on defining the strategic role of the sales function and sales organization, developing and directing a sales force, and evaluating sales force performance. Role playing will be used to help students experience realistic management scenarios.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 434 Advanced Marketing Analytics (3 crs)

Prerequisite: MKTG 338.

This course builds on Mktg 338 including web analysis and data mining techniques to extract information from large marketing databases. Application of quantitative analysis to uncover insights for marketing decisions in internet and retail settings.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 437 Business-to-Business Marketing (3 crs)

Prerequisite: MKTG 330. Minimum junior standing.

Studies the marketing strategies characteristic of institutions, government, industrial, and other marketing environments which do not directly target the final consumer. The unique characteristics of these markets and the implications for strategic marketing management provide the focus for this course.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 438 Marketing Management (3 crs)

Prerequisite: MKTG 330 and completion of at least two Marketing courses beyond MKTG 330. Minimum senior standing.

Designed as the capstone course in marketing. All the ideas and concepts presented in other marketing courses are integrated and brought together via the application of marketing tools, principles, and theories, as experienced through case studies and problem solving. The role of the marketing executive in business is emphasized.

Attributes: Undergraduate/Graduate Offering, Capstone Course, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 490 Advanced Sales Topics (3 crs)

Prerequisite: MKTG 337.

Application of research skills to develop an in-depth analysis of one company's sales structure and its position relative to its competitors. A semester-long project will incorporate field study and database research identifying different sales structures and advantages.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 491 Selected Topics (1-3 crs)

Prerequisite: Minimum senior standing.

Small groups will study topics selected because of a special interest on the part of students or faculty.

Repeat: Course may be repeated

MKTG 495 Directed Projects (3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Internship experiences in business situations relevant to student's major field of study; under supervision of faculty member.

Repeat: Course may be repeated

MKTG 498 Internship Program II (1-3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

- *Acceptance in Internship Program. See description under College of Business. Additive credit only. May not be applied to the 120-credit graduation requirement. Students must have the service-learning option approved prior to starting the Internship.*

Students will participate in work experiences related to their area of interest.

Attributes: LE-11 Integration, Service-Learning Optional, Internship, Special Course Fee Required

Repeat: Course may be repeated

MKTG 499 Independent Study Projects (1-4 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

MKTG 532 Marketing Communications and Promotion Analysis (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with MKTG 332. Credit may not be earned in both courses.*

Integrated marketing communications and its applications in advertising, direct marketing, sales promotion, personal selling, internet marketing, and public relations. Emphasis on promotional campaign strategies, implementation and evaluation, including category management assessment, marketing databases, media selection, and campaign effectiveness.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 534 Marketing Research (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with MKTG 334. Credit may not be earned in both courses.*

Application of research techniques in the marketplace, and role of marketing information within the firm as a management tool in decision making.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 535 International Marketing (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with MKTG 335 and INTB 335/INTB 535. Credit may be earned in only one course.*

Principles, policies, and problems of marketing goods in international markets. Concepts, strategies, and policies of world trade and multinational firms.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 633 Sales Management (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with MKTG 433. Credit may not be earned in both courses.*

Positions in sales management are among the first managerial assignments many business students receive. This course focuses on defining the strategic role of the sales function and sales organization, developing and directing a sales force, and evaluating sales force performance. Role playing will be used to help students experience realistic management scenarios.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 634 Advanced Marketing Analytics (3 crs)

• Cross-listed with MKTG 434. Credit may not be earned in both courses. This course builds on Mktg 338 including web analysis and data mining techniques to extract information from large marketing databases. Application of quantitative analysis to uncover insights for marketing decisions in internet and retail settings.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 637 Business-to-Business Marketing (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with MKTG 437. Credit may not be earned in both courses.*

Studies the marketing strategies characteristic of institutions, government, industrial, and other marketing environments which do not directly target the final consumer. The unique characteristics of these markets and the implications for strategic marketing management provide the focus for this course.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 638 Marketing Management (3 crs)

Prerequisite: Limited to MBA students.

- *Cross-listed with MKTG 438. Credit may not be earned in both courses.*

Designed as the capstone course in marketing. All the ideas and concepts presented in other marketing courses are integrated and brought together via the application of marketing tools, principles, and theories, as experienced through case studies and problem solving. The role of the marketing executive in business is emphasized.

Attributes: Capstone Course, Special Course Fee Required Varies by Term/Section

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 730 Marketing Analysis Foundation (2 crs)

Prerequisite: Limited to MBA students. No credit if taken after MKTG 330.

- *Not for MBA degree credit*

Analysis of problems related to the development of marketing strategy. Attention is focused on identifying a target market, allocating resources to the marketing mix, and examining the impact of environmental variables on management decisions.

Attributes: Higher Cost Per Credit

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MKTG 797 Independent Study (1-3 crs)

Prerequisite: Limited to MBA students.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

Materials Science (MSCI)

MSCI 100 Introduction to Materials Science and Nanoscience (4 crs)

Prerequisite: High school chemistry and high school physics.

Students explore how atomic bonds and molecular structure explain the properties of materials, and why nanomaterials have different properties.

Attributes: GE IIF Natural Science-Interdisciplinary Studies, Lab Science

Lecture/Discussion Hours: 3

Lab/Studio Hours: 3

MSCI 291 Special Topics in Materials Science (1-3 crs)

Prerequisite: CHEM 104 or CHEM 115; PHYS 232; MSE 221

Consent: Instructor Consent Required

- *Field trips optional. A total of no more than nine credits from MSCI 291 and MSCI 491 may be applied toward major or graduation.*

Lecture and possibly laboratory or field work in the study of current topics in Materials Science of special interest to students and faculty.

Repeat: Course may be repeated for a maximum of 9 credits

MSCI 310 Nanotechnology in Today's World (3 crs)

- *No credit toward the Materials Science or Materials Science & Engineering comprehensive majors.*

Provides the fundamentals of nanoscience at an elementary level, i.e., how material behavior, properties, and function change due to small size. Addresses applications in science and industry and nanotechnology products, along with environmental, social, and ethical implications.

Attributes: GE IIF Natural Science-Interdisciplinary Studies

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MSCI 362 Materials Processing (2 crs)

Prerequisite: MSCI 234; MSCI 300; MSCI 355.

This course discusses many of the materials processing methods used in the fabrication of microelectronic devices, including deposition, etching, metallization, insulation, doping, ion implantation, and photolithography. MSCI 363 provides the associated lab experience for this course.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MSCI 363 Materials Processing Lab (2 crs)

Prerequisite: CHEM 115 or CHEM 104; MSCI 300 (or equivalent); MSCI 355.

This course provides the lab component for MSCI 362, and focuses on hands-on experience in depositing thin films, patterning surfaces with photolithography, etching surfaces, and doping materials. A variety of materials processing methods will be explored, with some characterization of prepared materials using various instruments.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 4

MSCI 382 Advanced Materials Science and Nanoscience (3 crs)

Prerequisite: MSCI 234 or MSE 334; MSCI 300 or CHEM 433 or PHYS 445 (or equivalent).

A survey of materials science, including in-depth discussions of metals, ceramics, polymers, and semiconductors. Contrasting views of the "molecular" nature of matter and the "band" nature will be discussed. Includes in-depth discussion of Nanoscience and Materials Science.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MSCI 384 Materials Science Junior Seminar I (0.5 crs)

Prerequisite: Minimum junior standing

Career preparation for Materials Science majors. Will include seminars with external speakers and class discussions of relevant issues.

Lab/Studio Hours: 0

Seminar Hours: .5

MSCI 385 Materials Science Junior Seminar II (0.5 crs)

Prerequisite: MSCI 384

The second course in the junior seminar course sequence. Will include seminars with external speakers and class discussions of relevant issues.

Lab/Studio Hours: 0

Seminar Hours: .5

MSCI 391 Materials Science Seminar (1 cr)

Prerequisite: MSCI 234 and MSCI 355.

Students will explore career pathways in Materials Science. The course will offer a mix of seminars by various speakers and discussions about issues relevant to Materials Science.

Grading Basis: A-F Grades Only

Lab/Studio Hours: 0

Seminar Hours: 1

MSCI 395 Directed Studies (1-3 crs)

Prerequisite: Minimum 2.0 GPA in Materials Science or Materials Science & Engineering comprehensive majors
Consent: Department Consent Required

This course is designed to allow a single student or a group of students to pursue their educational goals and interests under the direction of a faculty member.

Repeat: Course may be repeated
Grading Basis: A-F Grades Only

MSCI 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing.
Consent: Department Consent Required

This course provides junior-level students with research opportunities in Materials Science or Materials Science & Engineering.

Repeat: Course may be repeated
Grading Basis: A-F Grades Only

MSCI 480 Advanced Materials Science Lab I (1 cr)

Prerequisite: MSCI 362, MSCI 363, MSCI 382, PHYS 338.

First of a two-course capstone sequence. Focuses on hands-on, project-based, research-inspired labs that emphasize diverse areas of Materials Science.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 3

MSCI 481 Advanced Materials Science Lab II - Scientific Writing (1 cr)

Prerequisite: MSCI 480, or consent of instructor.
Consent: Instructor Consent Required

Second of a two-course capstone sequence. Focuses on preparation of a scientific paper, including a Materials Science literature review and developing a manuscript for publication. Students will use experimental processes and results obtained from MSCI 480 in developing the manuscript.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 3

MSCI 484 Materials Science Capstone I (1 cr)

Prerequisite: MSE 350; Credit may not be earned in both MSCI 480 and MSCI 484

First of a two-course capstone sequence. This course emphasizes hands-on, project-based experiences that are formulated and executed by the student.

Lab/Studio Hours: 0
Seminar Hours: 2

MSCI 485 Materials Science Capstone II (2 crs)

Prerequisite: MSCI 484; Credit may not be earned in both MSCI 485 and MSCI 481

Second of a two-semester capstone sequence. This course emphasizes writing projects based on student designed experiments.

Lab/Studio Hours: 0
Seminar Hours: 4

MSCI 491 Special Topics in Advanced Materials Science (1-3 crs)

Prerequisite: MSCI 300. Limited to Materials Science or Materials Science & Engineering majors.

Consent: Instructor Consent Required

- *Field trips optional. A total of no more than nine credits from MSCI 291 and MSCI 491 may be applied toward major or graduation.*

Lecture and possibly laboratory or field work in the study of current topics of Materials Science of special interest to advanced students and faculty.

Repeat: Course may be repeated for a maximum of 9 credits

MSCI 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing.
Consent: Department Consent Required

This course provides senior-level students with research opportunities in Materials Science or Materials Science & Engineering.

Repeat: Course may be repeated
Grading Basis: A-F Grades Only

Materials Science and Engineering (MSE)

MSE 120 Introduction to Engineering (2 crs)

Prerequisite: MATH 109 or concurrent enrollment.

A comprehensive study of the engineering design process. Discussion of engineering disciplines with comparisons. The laboratory portion of the course includes design projects from various engineering disciplines.

Lecture/Discussion Hours: 1
Lab/Studio Hours: 3

MSE 221 Living in a Materials World (3 crs)

Prerequisite: MATH 114 or concurrent enrollment. No credit if taken after MSCI 100.

Processing and structure's impact on materials properties and performance. Societal benefits of sustainable, biomimetic, or responsible materials selection.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MSE 256 Introduction to Computer Aided Design (1 cr)

Prerequisite: MATH 109 or concurrent enrollment.

The course provides an introduction to 3-dimensional computer aided design and modeling.

Lecture/Discussion Hours:0

Lab/Studio Hours: 3

MSE 315 Materials Characterization (4 crs)

Prerequisite: CHEM 103 or CHEM 115 and PHYS 211 or PHYS 231.

A survey of commonly used materials characterization methods (XPS, SEM, AFM, XRD, XRF), including their theory of operation and hands-on experience. Includes a discussion of the measurement process and instrumental analysis of samples.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 4

MSE 334 Soft Materials (4 crs)

Prerequisite: CHEM 325

Includes in-depth soft materials topics such as synthesis and processing, structure-property relationships, and applications of soft materials.

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MSE 350 Thermodynamics of Materials (4 crs)

Prerequisite: MSCI 100 or MSE 221; CHEM 104 or CHEM 115; MATH 215; PHYS 232 or concurrent enrollment.

Survey of the laws of thermodynamics and their application in Materials Science including phase equilibria. Aspects of quantum mechanics as they relate to Materials Science will be discussed.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MSE 357 Phase Transformation & Kinetics (3 crs)

Prerequisite: MSE 221; MATH 215.

Phase transformations are explored with emphasis on microstructure development, the impact of diffusion, and nucleation/growth mechanisms.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MSE 367 Macroprocessing of Materials (3 crs)

Prerequisite: MSE 357

Processing approaches for major categories of bulk materials. Topics range from raw materials to forming and finishing of final products.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MSE 368 Macroprocessing Materials Lab (2 crs)

Prerequisite: MSE 367 or concurrent enrollment.

Practical and analytical aspects of processing techniques and investigation of structure-property-processing relationships using hands-on experiences.

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

MSE 372 Transport Phenomena (3 crs)

Prerequisite: MATH 312

Principles of momentum, heat, and mass transport. Applications of appropriate differential equations and boundary conditions to solve problems in materials processing.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MSE 374 Physics of Solids (4 crs)

Prerequisite: PHYS 332 or MSE350

- *Credit may not be earned in both MSE 374 and PHYS 374.*

A description of the behaviors of crystalline solids. Topics include crystallography, diffraction, and the electrical, optical and magnetic properties of materials. Semiconducting materials and devices will also be discussed.

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MSE 386 MS&E Junior Seminar I (0.5 crs)

Prerequisite: Limited to Pre-Materials Science and Engineering or Materials Science and Engineering majors

- *Must be admitted to MSE by first day of class.*

Career preparation for Materials Science & Engineering majors. Will include seminars with external speakers and class discussions of relevant issues.

Lab/Studio Hours: 0

Seminar Hours: .5

MSE 387 MS&E Junior Seminar II (0.5 crs)

Prerequisite: MSE 386; Limited to Materials Science and Engineering majors

The second course in the junior seminar course sequence. Will include seminars with external speakers and class discussions of relevant issues.

Lab/Studio Hours: 0

Seminar Hours: .5

MSE 451 Computational Materials Science (4 crs)

Prerequisite: MSE 350 or PHYS 333 or CHEM 434.

Theory and application of computational methods to model, understand and predict the behavior of materials. Labs provide hands-on experience in solving real materials problems using computational approaches.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 4

MSE 475 Nanomaterials (3 crs)

Prerequisite: CHEM 104 or 115, and one of the following: MSE 350, or PHYS 333, or CHEM 434.

Quantum behavior and statistical mechanics of nanomaterials, plus modern synthesis methods, electronic and optical applications, biomaterials.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MSE 486 MS&E Capstone I (2 crs)

Prerequisite: MSE 256; MSE 350; MSE 387 or departmental consent

First of a two-course capstone sequence. Hands-on, project-based experiences including engineering design, problem solving and Computer Aided Design (CAD).

Lab/Studio Hours: 0

Seminar Hours: 4

MSE 487 MS&E Capstone II (2 crs)

Prerequisite: MSE 487

Second of a two-course capstone sequence. Conclusion of student-designed projects accompanied by preparation of multiple technical documents.

Lab/Studio Hours: 0

Seminar Hours: 4

Mathematics (MATH)

MATH 10 Basic Mathematics and Elementary Algebra (4 crs)

Prerequisite: For students with minimal high school mathematics or appropriate score on the mathematics placement test.

- *No credit if taken after credit is earned in any higher-numbered mathematics course. This course is graded on a letter grade basis. The grade received is used in calculating semester, resident, and total GPAs.*

Develops basic mathematics and elementary algebraic skills necessary for further study of algebra.

Grading Basis: No Auditors

Lecture/Discussion Hours: 0

Lab/Studio Hours: 4

MATH 20 Intermediate Algebra (4 crs)

Prerequisite: A grade of C or above in MATH 10, or one year of college-preparatory algebra and an appropriate score on the mathematics placement test.

- *This course is graded on a letter grade basis. The grade received is used in calculating semester, resident, and total GPAs. No credit if taken after credit is earned in any higher-numbered mathematics course except MATH 106 or MATH 107.*

The real number system, linear equations and inequalities, operations on polynomials and rational expressions, factoring, solutions of quadratic equations, Cartesian coordinates, functions, and related applications.

Grading Basis: No Auditors

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 104 Finite Mathematics with Applications (4 crs)

Prerequisite: Grade of C or above in MATH 20, or two years of college-preparatory algebra and a suitable mathematics placement test score. No credit if taken after MATH 114, MATH 212, MATH 314, or MATH 346.

This course will cover applications from Economics, Social and Biological Sciences. The topics include sets, functions, counting principles, probability, solutions of linear systems by graphical and algebraic methods, matrices, linear programming, problem formulation, and using graphs and trees.

Attributes: GE IB Communication-Analytical Skills, LE-S2 Mathematics

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 106 Introduction to Mathematical Thinking (4 crs)

Prerequisite: MATH 20, or two years of college-preparatory algebra and a suitable mathematics placement test score. Credit may not be earned in both MATH 106 and MATH 101.

- *May not be counted for credit toward a major or minor in mathematics.*

An accessible introduction to some interesting mathematical topics that require analytical thinking and abstract reasoning skills.

Attributes: GE IB Communication-Analytical Skills, LE-S2 Mathematics

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 107 Mathematics in Latin American Cultures (4 crs)

Prerequisite: MATH 20, or two years of college-preparatory algebra and a suitable mathematics placement test score.

- *May not be counted for credit toward a major or minor in mathematics.*

This course introduces important mathematical concepts and topics, such as number and arithmetic systems, symmetry, and data structure, using the cultural lenses of pre-Columbian Latin American indigenous cultures.

Attributes: GE IB Communication-Analytical Skills, LE-S2 Mathematics

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 108 Earth Algebra (4 crs)

Prerequisite: A grade of C or above in MATH 20, or two years of college-preparatory algebra and a suitable mathematics placement test score. No credit if taken after MATH 109 or MATH 110.

- *May not be counted for credit toward a major or minor in mathematics.*

Modeling real data drawn from biology, the environment, finance, and other physical systems. Topics include the development of linear, polynomial, exponential and logarithmic functions, and the rate of change in an applied setting.

Attributes: GE IB Communication-Analytical Skills, LE-R3 Civic and Environmental Issues, LE-S2 Mathematics

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 109 Algebra for Calculus (4 crs)

Prerequisite: A grade of C or above in MATH 20, or two years of college-preparatory algebra and a suitable mathematics placement test score.

- *May not be counted for credit toward a major or minor in mathematics.*

Algebraic concepts, techniques, and applications including polynomial and rational expressions, linear and quadratic equations, complex numbers, inequalities, absolute value, functions and graphs, exponential and logarithmic functions, systems of equations and inequalities, and zeros of polynomials. This course is for students pursuing degree programs that require calculus.

Attributes: LE-S2 Mathematics

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 111 A Short Course in Calculus (4 crs)

Prerequisite: MATH 109, or a grade of B or above in MATH 108, or three years of above-average work in college-prep MATH and a suitable mathematics placement test score.

- *May not be counted for credit toward a major or minor in mathematics.*

Primarily for students in biology, business, economics, psychology, and sociology. Functions, limits, continuity, derivatives, integrals, and applications.

Attributes: GE IB Communication-Analytical Skills, LE-S2 Mathematics

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 112 Precalculus Mathematics (4 crs)

Prerequisite: MATH 108, or MATH 109, or three years of above-average work in college-prep MATH and a suitable mathematics placement test score.

- *May not be counted for credit toward a major or minor in mathematics.*

Prepares students to enter the Math 114, Math 215, Math 216 sequence. Includes absolute value; logarithmic, exponential, and trigonometric functions; inequalities; conic sections; complex numbers; and topics from theory of equations.

Attributes: LE-S2 Mathematics

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 113 Trigonometry (2 crs)

Prerequisite: MATH 109, or a grade of B or above in MATH 108, or three years of above-average work in college-prep MATH and a suitable mathematics placement test score. Credit may not be earned in both MATH 113 and MATH 112.

- *May not be counted for credit toward a major or minor in mathematics.*

Graphs, properties, and geometric significance of trigonometric functions of a real variable. Other topics include trigonometric equations and identities, inverse trigonometric functions and applications.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MATH 114 Calculus I (4 crs)

Prerequisite: MATH 109 and MATH 112, or MATH 113, or four years of above-average work in college-prep mathematics, including one semester of trigonometry and a suitable mathematics placement test score.

Limits, theory, and application of the derivative; introduction to integration.

Attributes: GE IB Communication-Analytical Skills, LE-S2 Mathematics

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 150 Introduction to the Actuarial Career (1 cr)

- *No credit if take after Math 291 when offered as Introduction to the Actuarial Career*

Designed to start or further efforts in understanding the actuarial profession and to prepare students for an actuarial job search.

Lecture/Discussion Hours: 0

Lab/Studio Hours: 3

MATH 201 Number and Operations I (2 crs)

Prerequisite: A grade of C or above in MATH 20, or two years of college-preparatory algebra and a suitable math placement test score. Limited to elementary and special education majors and minors.

Mathematical knowledge for teachers based on practice/content standards. Topics include: number systems, number theory, and integer algorithms.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MATH 202 Number and Operations II (2 crs)

Prerequisite: MATH 201. Limited to elementary and special education majors and minors.

Mathematical knowledge for teachers based on practice/content standards. Topics include: fractions, ratios/proportions, and decimals.

Attributes: LE-S2 Mathematics

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MATH 203 Mathematics for Elementary/Middle School Teachers I (3 crs)

Prerequisite: A grade of C or above in MATH 20, or two years of college-preparatory algebra and a suitable math placement test score. Limited to elementary or special education majors and minors.

- *May not be counted for credit toward a major or minor in mathematics.*

An integrated study of mathematics content, methods, and curricula. Topics include problem solving, reasoning, whole numbers and numeration with an emphasis on cognitively guided instruction, elementary number theory, integers.

Attributes: GE IB Communication-Analytical Skills
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 204 Mathematics for Elementary/Middle School Teachers II (3 crs)

Prerequisite: MATH 203. Limited to elementary and special education majors and minors. Minimum sophomore standing.

- *Counts only toward the elementary teaching minor in mathematics.*

An integrated study of mathematics content, methods, and curricula. Topics include number theory, the rational numbers, ratio and proportion, the real number system and probability. Emphasis on communication and algebraic thinking. Practicum experience included.

Attributes: GE IB Communication-Analytical Skills
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 212 Calculus and Business Mathematics (3 crs)

Prerequisite: MATH 111 or MATH 114.

- *May not be counted toward a major in mathematics.*

Multivariate calculus, matrix algebra, linear programming, mathematics of finance, and business-oriented applications.

Attributes: GE IB Communication-Analytical Skills
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 215 Calculus II (4 crs)

Prerequisite: MATH 114

Applications and techniques of integration; improper integrals; sequences and series; power series and Taylor's formula.

Attributes: GE IB Communication-Analytical Skills
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 216 Calculus III (4 crs)

Prerequisite: MATH 215

Introduction to functions of several variables, including partial derivatives, multiple integrals, the calculus of vector-valued functions, and Green's Theorem, Stokes' Theorem, and the Divergence Theorem.

Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 245 Introduction to Statistics (3 crs)

Prerequisite: One year of high school algebra. No credit if taken after MATH 345, MATH 347, or PSYC 265. Credit may not be earned in both MATH 245 and MATH 246.

Basic statistical analysis, including descriptive statistics, probability, confidence intervals, hypothesis testing, simple linear regression, and correlation.

Attributes: GE IB Communication-Analytical Skills
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MATH 246 Elementary Statistics (4 crs)

Prerequisite: A grade of C or above in MATH 20, or two years of college-preparatory algebra and a suitable mathematics placement test score.

- *May not be counted for credit toward a major or minor in mathematics with the exception of the Middle Childhood/Early Adolescence minor in mathematics.*

Basic statistical analysis, including descriptive statistics, probability, confidence intervals, hypothesis testing, simple linear regression, correlation, Chi-Square, and Analysis of Variance.

Attributes: GE IB Communication-Analytical Skills, LE-S2 Mathematics
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

MATH 291 Special Topics (1-3 crs)

Topics will vary, depending on interest of students and faculty.

Repeat: Course may be repeated for a maximum of 9 credits

MATH 297 Developmental Tutoring Techniques (1 cr)

- *May not be counted for credit toward a major or minor in mathematics except in the Comprehensive Major: Mathematics Teaching emphasis or the Minor: Mathematics, Middle Childhood/Early Adolescence, Teaching.*

Training and tutoring for developmental mathematics courses.

Repeat: Course may be repeated for a maximum of 4 credits
Seminar Hours: 1

MATH 303 Probability and Statistics in Grades 1-8 (2 crs)

Prerequisite: MATH 201. Limited to elementary and special education majors and minors. Minimum sophomore standing.

Mathematical knowledge for teachers based on practice/content standards. Topics include: linear functions, statistics, probability, and expected value.

Attributes: LE-S2 Mathematics
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MATH 304 Geometry in Grades 1-8 (2 crs)

Prerequisite: MATH 201. Limited to elementary and special education majors and minors. Minimum sophomore standing.

Mathematical knowledge for teachers based on practice/content standards. Topics include: 2D & 3D figures, transformations, and non-linear functions.

Attributes: LE-S2 Mathematics

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MATH 305 Mathematics for Elementary/Middle School Teachers III (3 crs)

Prerequisite: MATH 204 or concurrent enrollment. Exceptions to the MATH 204 prerequisite may be made with the instructor's approval. Limited to elementary and special education majors and minors. Minimum junior standing.

- Counts only toward the elementary teaching minor in mathematics.

An integrated study of mathematics content, methods, and curricula. Topics include statistics, measurement, geometries, patterns, and functions. Emphasis on communication and algebraic thinking. Practicum experience included.

Attributes: GE IB Communication-Analytical Skills

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 307 Mathematics and Music (3 crs)

Prerequisite: MATH 114 (or equivalent) or consent of instructor.

Using mathematics to understand, appreciate, and create music. Free audio processing software will be emphasized. Rock, jazz, classical, and experimental music will be analyzed. Connections are made to brain science and medicine.

Attributes: GE V University Wide, LE-I1 Integration, LE-S3 Creativity,

Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 311 Differential Equations (3 crs)

Prerequisite: MATH 216. Credit may not be earned in both MATH 311 and MATH 312.

Ordinary differential equations of first and second order, linear differential equations, Laplace transforms, series solutions, and systems of linear differential equations.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 312 Differential Equations and Linear Algebra (4 crs)

Prerequisite: MATH 215. Credit may not be earned in both MATH 311 and MATH 312.

Linear algebra: basis, dimension, matrix algebra, determinants, inverses, systems of linear equations, eigenvalues/eigenvectors. (Optional) matrices as linear transformations. Differential equations: first-order linear, separable; second-order linear with constant coefficients; higher order differential equations; first-order linear systems with constant coefficients; Laplace transforms; power series solutions. (Optional) Proof of Existence and Uniqueness Theorems.

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 313 Digital Signal Processing (3 crs)

Prerequisite: MATH 215 or consent of instructor.

Fundamentals of digital signal processing. Fourier series, Fourier transforms and computerized Fourier transforms (FFTs) are described and applied to the analysis of digitized audio and digitized images.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 314 Discrete Mathematics (3 crs)

Prerequisite: MATH 114 or MATH 212. No credit if taken after CS 240.

Introductory course in discrete mathematics. Topics include elementary combinatorics, graph theory, trees, and Boolean algebra. The course emphasizes an algorithmic approach to problem solving.

Attributes: GE IB Communication-Analytical Skills, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 315 Advanced Calculus I (3 crs)

Prerequisite: MATH 216 and MATH 324.

Differential and integral calculus of several variables; vector calculus; line, surface, and space integrals including Green's theorem, Divergence theorem, and Stokes' theorem.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 316 Introduction to Real Analysis (3 crs)

Prerequisite: MATH 216 and MATH 324.

Real numbers, introductory topological topics, limits, sequences of numbers, continuity, sequences of functions, and series.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 317 Introduction to Real Analysis II (3 crs)

Prerequisite: MATH 316

Differentiation and integration in \mathbb{R}^n , Riemann-Stieltjes integral, functions of bounded variation, implicit function theorem, introduction to metric spaces including Arzela's Theorem and Tietze extension Theorem, and selected topics in analysis.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 318 Introduction to Complex Variables (3 crs)

Prerequisite: MATH 216

Elementary functions of a complex variable, complex integrals, and residue theory.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 322 Abstract Algebra for Elementary Teachers (4 crs)

Prerequisite: MATH 114 and MATH 202. Limited to elementary education majors.

- *May not be counted for credit toward a major or minor in mathematics except in mathematics teaching programs.*

Includes sets, functions, and abstract algebraic structures such as groups, rings, and fields.

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 324 Linear Algebra and Matrix Theory (4 crs)

Prerequisite: MATH 215

An introductory course in linear algebra including matrix algebra, systems of linear equations, vector spaces, linear transformations, eigenvalues, and applications. Also covers methods of proof and a survey of student-faculty research.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 330 Modern Geometry (4 crs)

Prerequisite: MATH 114

- *Requires basic knowledge of Euclidean Geometry.*

Contemporary and classical Euclidean geometry, with emphasis on constructions, transformations, and proofs. The Mira and geometry software will be used to illustrate these topics. Some non-Euclidean geometry included.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 335 Introduction to Point-Set Topology (3 crs)

Prerequisite: MATH 324

Theory of sets, continuity of functions, neighborhoods of points, topological and metric spaces, connectedness and compactness.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 338 Introduction to Differential Geometry (3 crs)

Prerequisite: MATH 216

An introduction to the study of curves and surfaces. Topics on curves include curvature, torsion, and the Frenet frames. Topics on surfaces include curvature, minimal surfaces, and Gauss' Remarkable Theorem.

Lecture/Discussion Hours: 2.5

Lab/Studio Hours: 0.5

MATH 341 Classical Number Theory (3 crs)

Prerequisite: MATH 114

Classical number theory including divisibility, primes and their properties, theory of congruences, Diophantine equations, number theoretic functions, primitive roots, and selected optional topics.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 342 Mathematical Logic and Proof (3 crs)

Prerequisite: MATH 215

Introductory logic statements, inference, quantification, and methods of proof with applications in sets, number theory, relations, and algebra.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 345 Introduction to Probability and Mathematical Statistics (4 crs)

Prerequisite: MATH 215 or concurrent registration. Credit may not be earned in both MATH 345 and MATH 346.

- *MATH 246 may not be taken for credit after or concurrently with MATH 345.*

Counting techniques, discrete and continuous random variables, probability distributions, sampling distributions, estimation, hypothesis testing, linear regression, correlation, nonparametric statistics. Students who desire more extensive probability and statistics should take Math 346/Math 546, Math 347/Math 547.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 346 Introduction to Probability (4 crs)

Prerequisite: MATH 216 or concurrent enrollment. Credit may not be earned in both MATH 345 and MATH 346.

Probability in discrete and continuous sample spaces; conditional probability; counting techniques; probability functions; binomial, Poisson, normal distributions; and transformations of variables.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 347 Mathematical Statistics (4 crs)

Prerequisite: MATH 215; MATH 346.

- *MATH 246 may not be taken for credit after or concurrently with MATH 347.*

Normal, chi-square, t, and F distributions; estimation; hypothesis testing; regression and correlation; analysis of variance; nonparametric statistics; and introduction to Bayesian inference.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

MATH 350 Introduction to Financial Mathematics (4 crs)

Prerequisite: MATH 215 or consent of instructor.

Mathematical theory of interest and discount, annuities, yield rates, amortization, sinking funds, securities valuation, and an introduction to financial derivatives. This course is meant, in part, to prepare students for the second actuarial examination.

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 351 Numerical Analysis I (3 crs)

Prerequisite: MATH 215

Nonlinear equations, interpolation and approximation, least squares, systems of linear equations, and error analysis.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 352 Numerical Analysis II (3 crs)

Prerequisite: MATH 215 and either one of the following: CS 163, CS 170, CS 255 (now CS 335), or consent of instructor.

Numerical solution of differential equations, numerical differentiation and integration, and the eigenvalue problem.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 354 Introduction to Mathematical Modeling (4 crs)

Prerequisite: MATH 215

Discrete dynamical systems, discrete and continuous stochastic models, empirical modeling using regression theory and interpolation techniques, modeling with differential equations and, depending on the interests of the instructor and students, topics from optimization and dimensional analysis.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 355 Linear Programming (3 crs)

Prerequisite: MATH 215

Introductory topics in linear programming including computational development of the simplex method, duality theory of linear programming, dual simplex method, transportation problem, and the use of a linear programming package.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 358 Introduction to Optimization (3 crs)

Prerequisite: MATH 215

An introduction to the theory and application of optimization techniques. Analytic and numerical methods for linear and nonlinear problems of both constrained and unconstrained type will be considered.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 363 Studies of Women in Mathematics (1-3 crs)

Prerequisite: WMNS 100 or WMNS 215 or WMNS 250 or WMNS 301; completion of mathematics competency.

- *May not be counted for credit toward a major or minor in mathematics.*

Studies of the history and contributions of women in mathematics, and of special interest to students and faculty. The particular focus will vary.

Attributes: GE V University Wide, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

MATH 365 Patterns of Problem Solving (4 crs)

Prerequisite: Minimum-level University Mathematics Competency.

- *May not be counted for credit toward a major or minor in mathematics except in mathematics teaching programs.*

Provides tools and concepts needed in problem solving in a variety of disciplines.

Attributes: GE IB Communication-Analytical Skills

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 373 Issues in Secondary Mathematics (4 crs)

Prerequisite: MATH 215; MATH 330 or concurrent enrollment. Limited to mathematics teaching majors.

- *This is a hybrid offering with 3 hours per week offered face to face and 1 hour per week offered online.*

An integrated study of mathematical topics taught in grades 5-12 with a focus on increasing pedagogical content knowledge. Topics covered include algebraic, geometric, and other relevant issues in secondary mathematics.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 380 Research Methods (3 crs)

Prerequisite: MATH 324 or consent of instructor.

Introduction to research methods in mathematics. Topics include: background research, methods of proof, mathematical writing, and presentation skills.

Attributes: LE-S3 Creativity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 395 Directed Studies (1-3 crs)

Prerequisite: 2.00 GPA in mathematics.

Consent: Department Consent Required

For the student who wishes to pursue independent study of a topic in mathematics under the supervision of a member of the mathematics department.

Repeat: Course may be repeated

MATH 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

MATH 425 Abstract Algebra I (3 crs)

Prerequisite: MATH 324

An introduction to the abstract concepts of algebra such as groups, rings, and fields. Topics such as direct products, group homomorphisms, factor groups, integral domains, and polynomial rings will be included.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 426 Abstract Algebra II (3 crs)

Prerequisite: MATH 425/MATH 625. No credit if taken after MATH 322.

A continuation of Math 425 including more advanced topics from groups, rings, and fields, such as the Sylow theorems, prime and maximal ideals, unique factorization domains, and finite fields.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 440 Digital Image Processing (3 crs)

Prerequisite: MATH 215

- *Credit may not be earned in both MATH 440 and PHYS 440.*

Applications of Fourier analysis and wavelets to optics and image processing. Topics include: diffraction, wave optical theory of lenses and imaging, wavelets, and image processing.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 441 Linear Regression Analysis, with Time Series (4 crs)

Prerequisite: MATH 345 or MATH 347 or MATH 246 with consent of instructor and MATH 114.

Simple and multiple regression, transformation of variables, modelchecking, analysis of residuals, regression diagnostics, stepwise regression, index variables, confidence intervals, and computer software; overview of time series and forecasting methods.

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 443 Experimental Design and Analysis (3 crs)

Prerequisite: MATH 345 or MATH 347; or MATH 246 with consent of instructor.

Basic concepts of statistical design of experiments; linear models; randomized block, Latin square, factorial, fractional factorial, rotatable, and incomplete block designs and applications.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 445 Survey Sampling (2 crs)

Prerequisite: MATH 345 or MATH 347; or MATH 246 with consent of instructor.

Survey sampling including random sampling, stratified sampling, cluster sampling, and design of surveys.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MATH 447 Nonparametric Statistics (2 crs)

Prerequisite: MATH 345 or MATH 347; or MATH 246 with consent of instructor.

Testing and estimation based on the binomial distribution, contingency tables, Wilcoxon Tests, rank correlation, Kruskal-Wallis and Friedman analysis of variance. Comparisons with parametric methods.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MATH 450 Foundations of Actuarial Science (3 crs)

Prerequisite: Admission to the Actuarial Science program

Actuarial theory of financial mathematical models for contingent events as applied to insurance, annuities, pensions, and reserving. Together with Math 460, this course prepares students for the actuarial exam covering contingent payments.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 451 Teaching Mathematics with Technology (4 crs)

Prerequisite: ES 203 or ES 210/ ES 211 or ES 212; MATH 114. Credit may not be earned in both MATH 451/MATH 651 and MATH 453/MATH 653.

- *May not be counted for credit toward a major or minor in mathematics except in mathematics teaching programs.*

In this course students will investigate teaching mathematics effectively with technology. Technology used includes graphing calculators, spreadsheets, interactive software, and calculator based laboratories. Topics include functions, statistics, probability, geometry, and mathematical modeling.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 456 Operations Research (2-3 crs)

Prerequisite: MATH 215

- *Students who have earned credit in an upper-division linear programming course may earn only two credits in this course. This two-credit option is available only to those who have taken such a course. For students earning two credits due to this restriction, attendance will be optional during the linear programming unit.*

An introduction to the theory and application of operations research techniques. Several important topics including linear programming, inventory models, waiting time models, and replacement models will be discussed.

Attributes: Undergraduate/Graduate Offering

MATH 460 Contingent Payment Analysis (4 crs)

Prerequisite: MATH 450 and Admission to the Actuarial Science Program (Code 180-001).

Actuarial theory of reserves, multiple life models, multiple decrement models, Poisson processes, and multi-state transition models. Together with Math 450, this course prepares students for the actuarial exam covering contingent payments.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 462 History of Mathematics (3 crs)

Prerequisite: MATH 114

A study of mathematics from a historical point of view beginning with the work of the early Greek mathematicians and including selected mathematicians and periods of mathematical development up to the present.

Attributes: LE-11 Integration, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 470 Mathematical Models for Financial Economics (4 crs)

Prerequisite: Admission to the Actuarial Science Program (Code 180-001).

Mathematical theory of options including binomial and Black-Scholes pricing models, interest rate models, lognormal models and volatility measurement. This course is meant, in part, to prepare students for the actuarial exam covering financial economics.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 475 Credibility and Loss Models (3 crs)

Prerequisite: MATH 347. Admitted to Actuarial Science Program. No credit if taken after MATH 491 when offered as Introduction to Credibility & Loss Models

Study of actuarial models for frequency, severity, and aggregate distributions, as well as Bayesian and Bühlmann credibility.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 480 Research Seminar (2 crs)

Prerequisite: MATH 380 or consent of instructor

Individual research projects in mathematics under the supervision of a member of the mathematics faculty, culminating in research project presentations.

Repeat: Course may be repeated for a maximum of 4 credits

Lab/Studio Hours: 0

Seminar Hours: 2

MATH 491 Special Topics (1-3 crs)

A variable content course designed to allow a breadth of study through investigation of mathematical topics not covered in other courses. Special interests of instructors will be utilized to provide topics.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 9 credits

MATH 493 Capstone Seminar (1 cr)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

An intensive study of selected topics including written and/or oral presentations by the students. The topics will connect ideas from across the mathematics major.

Attributes: Capstone Course

Repeat: Course may be repeated for a maximum of 3 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

MATH 494 Mathematics Seminar (1 cr)

Prerequisite: Minimum junior standing.

An intensive study of selected topics in mathematics. The exact topics to be studied will vary according to the interests of the professor and the seminar participants.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 3 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

MATH 497 Honors Seminar (1 cr)

Prerequisite: Grade of B+ or above in MATH 216.

- Admission to Department Honors Program.

An intensive study of selected topics in mathematics. The exact topics to be studied will vary according to the interests of the professor and the seminar participants.

Repeat: Course may be repeated for a maximum of 3 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

MATH 498 Mathematics Internship (1-3 crs)

Prerequisite: MATH 216. Limited to mathematics majors and minors. Minimum junior standing.

Consent: Department Consent Required

- May not count toward the minimal number of credits required for a mathematics major or minor.

Provides supervised on-the-job experience in an area of interest with mathematical content.

Attributes: Service-Learning Optional, Internship

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No Auditors

MATH 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

MATH 507 Mathematics and Music (3 crs)

Prerequisite: MATH 114 (or equivalent) or consent of instructor.

- Cross-listed with MATH 307. Credit may not be earned in both courses.

Using mathematics to understand, appreciate, and create music. Free audio processing software will be emphasized. Rock, jazz, classical, and experimental music will be analyzed. Connections are made to brain science and medicine.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 511 Differential Equations (3 crs)

Prerequisite: MATH 216. Credit may not be earned in both MATH 311/MATH 511 and MATH 312.

- Cross-listed with MATH 311. Credit may not be earned in both courses.

Ordinary differential equations of first and second order, linear differential equations, Laplace transforms, series solutions, and systems of linear differential equations.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 513 Digital Signal Processing (3 crs)

Prerequisite: MATH 215 or consent of instructor.

- Cross-listed with MATH 313. Credit may not be earned in both courses.

Fundamentals of digital signal processing. Fourier series, Fourier transforms and computerized Fourier transforms (FFTs) are described and applied to the analysis of digitized audio and digitized images.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 514 Discrete Mathematics (3 crs)

Prerequisite: MATH 114 or MATH 212. No credit if taken after CS 240.

- Cross-listed with MATH 314. Credit may not be earned in both courses.

Introductory course in discrete mathematics. Topics include elementary combinatorics, graph theory, trees, and Boolean algebra. The course emphasizes an algorithmic approach to problem solving.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 515 Advanced Calculus I (3 crs)

Prerequisite: MATH 216 and MATH 324/MATH 524.

- Cross-listed with MATH 315. Credit may not be earned in both courses.

Differential and integral calculus of several variables; vector calculus; line, surface, and space integrals including Green's theorem, Divergence theorem, and Stokes' theorem.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 516 Introduction to Real Analysis (3 crs)

Prerequisite: MATH 216 and MATH 324/MATH 524.

- Cross-listed with MATH 316. Credit may not be earned in both courses.

Real numbers, introductory topological topics, limits, sequences of numbers, continuity, sequences of functions, and series.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 518 Introduction to Complex Variables (3 crs)

Prerequisite: MATH 216

- Cross-listed with MATH 318. Credit may not be earned in both courses.

Elementary functions of a complex variable, complex integrals, and residue theory.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 524 Linear Algebra and Matrix Theory (4 crs)

Prerequisite: MATH 215

- Cross-listed with MATH 324. Credit may not be earned in both courses.

An introductory course in linear algebra including matrix algebra, systems of linear equations, vector spaces, linear transformations, eigenvalues, and applications. Also covers methods of proof and a survey of student-faculty research.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 530 Modern Geometry (4 crs)

Prerequisite: MATH 114

- Cross-listed with MATH 330. Credit may not be earned in both courses. Requires basic knowledge of Euclidean Geometry.

Contemporary and classical Euclidean geometry, with emphasis on constructions, transformations, and proof. The Mira and geometry software will be used to illustrate these topics. Some non-Euclidean geometry included.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 535 Introduction to Point-Set Topology (3 crs)

Prerequisite: MATH 324/MATH 524

- Cross-listed with MATH 335. Credit may not be earned in both courses.

Theory of sets, continuity of functions, neighborhoods of points, topological and metric spaces, connectedness and compactness.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 545 Introduction to Probability and Mathematical Statistics (4 crs)

Prerequisite: MATH 215 or concurrent registration. Credit may not be earned in both MATH 345/MATH 545 and MATH 346/MATH 546.

- Cross-listed with MATH 345. Credit may not be earned in both courses. MATH 246 may not be taken for credit after or concurrently with MATH 345/MATH 545.

Counting techniques, discrete and continuous random variables, probability distributions, sampling distributions, estimation, hypothesis testing, linear regression, correlation, nonparametric statistics. Students who desire more extensive probability and statistics should take MATH 346/MATH 546, MATH 347/MATH 547.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 546 Introduction to Probability (4 crs)

Prerequisite: MATH 216 or concurrent enrollment. Credit may not be earned in both MATH 345/MATH 545 and MATH 346/MATH 546.

- Cross-listed with MATH 346. Credit may not be earned in both courses.

Probability in discrete and continuous sample spaces; conditional probability; counting techniques; probability functions; binomial, Poisson, normal distributions; and transformations of variables.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 547 Mathematical Statistics (4 crs)

Prerequisite: MATH 215; MATH 346/MATH 546.

- Cross-listed with MATH 347. Credit may not be earned in both courses. MATH 246 may not be taken for credit after or concurrently with MATH 347/MATH 547.

Normal, chi-square, t, and F distributions; estimation; hypothesis testing; regression and correlation; analysis of variance; nonparametric statistics; and introduction to Bayesian inference.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

MATH 551 Numerical Analysis I (3 crs)

Prerequisite: MATH 215

- *Cross-listed with MATH 351. Credit may not be earned in both courses.*

Nonlinear equations, interpolation and approximation, least squares, systems of linear equations, and error analysis.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 552 Numerical Analysis II (3 crs)

Prerequisite: MATH 215 and either one of the following: CS 163, CS 170, CS 335, or consent of instructor.

- *Cross-listed with MATH 352. Credit may not be earned in both courses.*

Numerical solution of differential equations, numerical differentiation and integration, and the eigenvalue problem.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 554 Introduction to Mathematical Modeling (4 crs)

Prerequisite: MATH 215

- *Cross-listed with MATH 354. Credit may not be earned in both courses.*

Discrete dynamical systems, discrete and continuous stochastic models, empirical modeling using regression theory and interpolation techniques, modeling with differential equations and, depending on the interests of the instructor and students, topics from optimization and dimensional analysis.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 555 Linear Programming (3 crs)

Prerequisite: MATH 215

- *Cross-listed with MATH 355. Credit may not be earned in both courses.*

Introductory topics in linear programming including computational development of the simplex method, duality theory of linear programming, dual simplex method, transportation problem, and the use of a linear programming package.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 558 Introduction to Optimization (3 crs)

Prerequisite: MATH 215

- *Cross-listed with MATH 358. Credit may not be earned in both courses.*

An introduction to the theory and application of optimization techniques. Analytic and numerical methods for linear and nonlinear problems of both constrained and unconstrained type will be considered.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 563 Studies of Women in Mathematics (1-3 crs)

Prerequisite: WMNS 100 or WMNS 215 or WMNS 250 or WMNS 301.

- *Cross-listed with MATH 363 and WMNS 363/WMNS 563.*

Studies of the history and contributions of women in mathematics, and of special interest to students and faculty. The particular focus will vary.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

MATH 625 Abstract Algebra I (3 crs)

Prerequisite: MATH 324/MATH 524

- *Cross-listed with MATH 425. Credit may not be earned in both courses.*

An introduction to the abstract concepts of algebra such as groups, rings, and fields. Topics such as direct products, group homomorphisms, factor groups, integral domains, and polynomial rings will be included.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 626 Abstract Algebra II (3 crs)

Prerequisite: MATH 425/MATH 625. No credit if taken after MATH 322.

- *Cross-listed with MATH 426. Credit may not be earned in both courses.*

A continuation of Math 425 including more advanced topics from groups, rings, and fields, such as the Sylow theorems, prime and maximal ideals, unique factorization domains, and finite fields.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 650 Foundations of Actuarial Science (3 crs)

Prerequisite: Admission to Actuarial Science program (Code 180-001).

- *Cross-listed with MATH 450. Credit may not be earned in both courses.*

Actuarial theory of financial mathematical models for contingent events as applied to insurance, annuities, pensions, and reserving. Together with Math 460, this course prepares students for the actuarial exam covering contingent payments.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 651 Teaching Mathematics with Technology (4 crs)

Prerequisite: ES 203 or ES 210/ES 211 or ES 212; MATH 414. Credit may not be earned in both MATH 451/MATH 651 and MATH 453/MATH 653.

- *Cross-listed with MATH 451. Credit may not be earned in both courses. May not be counted for credit toward a major or minor in mathematics except in mathematics teaching programs.*

In this course students will investigate teaching mathematics effectively with technology. Technology used includes graphing calculators, spreadsheets, interactive software, and calculator based laboratories. Topics include functions, statistics, probability, geometry, and mathematical modeling.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 656 Operations Research (2-3 crs)

Prerequisite: MATH 215

- *Cross-listed with MATH 456. Credit may not be earned in both courses. Students who have earned credit in an upper division linear programming course may earn only two credits in this course. This two-credit option is available only to those who have taken such a course. For students earning two credits due to this restriction, attendance will be optional during the linear programming unit.*

An introduction to the theory and application of operations research techniques. Several important topics including linear programming, inventory models, waiting time models, and replacement models will be discussed.

Grading Basis: No S/U Grade Option

MATH 660 Continent Payment Analysis (4 crs)

Prerequisite: MATH 450/MATH 650 and Admission to the Actuarial Science Program (Code 180-001).

- *Cross-listed with MATH 460. Credit may not be earned in both courses.*

Actuarial theory of reserves, multiple life models, multiple decrement models. Poisson processes, and multi-state transition models. Together with Math 450, this course prepares students for the actuarial exam covering contingent payments.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 662 History of Mathematics (3 crs)

Prerequisite: MATH 114

- *Cross-listed with MATH 462. Credit may not be earned in both courses.*

A study of mathematics from a historical point of view beginning with the work of the early Greek mathematicians and including selected mathematicians and periods of mathematical development up to the present.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 670 Mathematical Models for Financial Economics (4 crs)

Prerequisite: Admission to the Actuarial Science Program (Code 180-001).

- *Cross-listed with MATH 470. Credit may not be earned in both courses.*

Mathematical theory of options including binomial and Black-Scholes pricing models, interest rate models, lognormal models and volatility measurement. This course is meant, in part, to prepare students for the actuarial exam covering financial economics.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 675 Credibility and Loss Models (3 crs)

Prerequisite: MATH 347. Admission to Actuarial Science program. No credit if taken after MATH 491 when offered as Introduction to Credibility & Loss Models

- *Cross-listed with MATH 475. Credit may not be earned in both courses.*

Study of actuarial models for frequency, severity, and aggregate distributions, as well as Bayesian and Bühlmann credibility.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 691 Special Topics (1-3 crs)

- *Cross-listed with MATH 491.*

A variable content course designed to allow a breadth of study through investigation of mathematical topics not covered in other courses. Special interests of instructors will be utilized to provide topics.

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: No S/U Grade Option

MATH 694 Mathematics Seminar (1 cr)

- *Cross-listed with MATH 494.*

An intensive study of selected topics in mathematics. The exact topics to be studied will vary according to the interests of the professor and the seminar participants.

Repeat: Course may be repeated for a maximum of 3 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

MATH 704 Mathematics for Middle School Teachers (3 crs)

Topics include number and number sense, probability, statistics, reasoning, problem solving, patterns and functions, geometry, measurement, and algebra.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 707 Current Issues in Mathematics Teaching (3 crs)

A particular current trend in mathematics education will be the theme for each offering. Focus will be on mathematical content necessary to design instruction and develop curriculum. Nonthematic issues will also be discussed.

Repeat: Course may be repeated
 Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

MATH 710 Selected Topics in Calculus (1-3 crs)

Prerequisite: Minimum eight credits of Calculus or consent of instructor
 Consent: Instructor Consent Required

An in-depth investigation of elementary calculus from an advanced viewpoint, including functions, limits, continuity, integrals, derivatives, and related applications.

Grading Basis: No S/U Grade Option

MATH 719 Introduction to Real Analysis (3 crs)

Prerequisite: MATH 215

Selected topics including sets, the real number system, mappings, sequences, limits, continuity, the derivative, and the integral.

Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

MATH 721 Foundations of Algebra (3 crs)

Prerequisite: MATH 425/MATH 625

Set theory, mappings, the integers, groups, rings, and vector spaces.

Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

MATH 731 Vector Methods in Geometry (3 crs)

Applications of vector methods to Euclidean geometry.

Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

MATH 732 Advanced Geometry (3 crs)

Prerequisite: One course in Calculus

Advanced study of geometry including Euclidean, non-Euclidean, projective, and affine geometries.

Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

MATH 742 Logic and Mathematics (3 crs)

Symbolic logic and its use in mathematics, including proof, demonstration, and applications in abstract mathematical systems.

Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

MATH 748 Applied Statistical Procedures (3 crs)

Prerequisite: MATH 246 or consent of instructor.

Includes methods of estimation, parametric and non-parametric tests of significance, linear regression and correlation, and analysis of variance for one-way or two-way crossed classified data. Applications include the use of computers.

Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

MATH 749 Probability and Statistics Workshop (3 crs)

Consent: Instructor Consent Required

Applications of probability and statistics which can be used by the secondary school teacher to motivate and enrich traditional mathematics classes and as topics in upper-level classes where some course content in probability or statistics is desired.

Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

MATH 751 Technology in Mathematics (3 crs)

Prerequisite: MATH 216

• *Requires basic knowledge of Euclidean geometry.*

The use of graphing calculators and computer software to enhance understanding of mathematical concepts and to formulate statements of theorems and solutions to problems is explored.

Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

MATH 755 Linear and Nonlinear Programming (3 crs)

Prerequisite: MATH 216 and MATH 324/MATH 524.

Introductory topics in linear and nonlinear programming including the simplex method for solving a linear program and Wolf's method for solving a quadratic program; and duality theory for linear, quadratic, and nonlinear programming.

Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

MATH 765 Number Theory (3 crs)

Foundations of number theory emphasizing congruences, selected number theoretic functions, Diophantine equations, continued fractions, and other classical problems.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 791 Special Topics (3 crs)

Prerequisite: Limited to MAT/MST MATH or MEPD program.

- *Permission of academic program adviser required.*

A variable content course designed to allow breadth of study through investigation of mathematical topics not covered in other courses.

Repeat: Course may be repeated for a maximum of 12 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MATH 793 Directed Studies (1-3 crs)

Permits students to undertake independent studies under the direction of a graduate faculty member.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

MATH 794 Graduate Mathematics Seminar (1 cr)

Consent: Instructor Consent Required

Lab/Studio Hours: 0

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

MATH 795 Research Paper (1-2 crs)

Consent: Instructor Consent Required

Repeat: Course may be repeated

Grading Basis: PR Only Grade Basis

MATH 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

MATH 799 Thesis (1-6 crs)

Consent: Instructor Consent Required

- *Full-time equivalent.*

A description of acceptable topics and the precise nature of the thesis requirement is provided in the departmental program descriptions.

Repeat: Course may be repeated

Grading Basis: PR Only Grade Basis

Military Science and Leadership (MSL)

MSL 101 Leadership and Personal Development (1 cr)

- *One off-campus training event required. Lab and Physical Training required (see Schedule).*

Introduction to the Army profession and military leadership. Personal development includes goal setting, time management, physical fitness and stress management. Lab includes squad movement, map reading, first aid and formations. Physical Training is composed of techniques to improve muscular strength and endurance and cardio-respiratory capacity. Includes strength and aerobic exercises, water confidence training, distance running, military drills and team sports. Physical Training attendance required one day per week. Open to all students.

Attributes: Field Trip(s) Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

Physical Training Hours: 1

MSL 102 Introduction to Tactical Leadership (1 cr)

- *One off-campus training event required. Lab and Physical Training required (see Schedule).*

Basic leadership fundamentals such as problem solving, oral and written communication, goal setting and tactical knowledge. Exploration of leadership theories, attributes and traits. Lab includes team tactics, map reading, marksmanship and marching techniques. Physical Training consists of techniques to improve muscular strength and endurance and cardio-respiratory capacity. Includes strength and aerobic exercises, water confidence training, distance running, military drills and team sports. Physical Training attendance required one day per week. Open to all students.

Attributes: Field Trip(s) Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

Physical Training Hours: 1

MSL 201 Innovative Team Leadership (2 crs)

Prerequisite: MSL 102 or consent of instructor.

Consent: Instructor Consent Required

- *One off-campus training event required. Lab and Physical Training required (see Schedule).*

Explores innovative tactical leadership strategies and styles by examining team dynamics and leadership theories. Students broaden their knowledge of communications, land navigation and tactics, which are practiced in lab. Physical Training attendance required two days per week. Open to all students.

Attributes: Field Trip(s) Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

Physical Training Hours: 2

MSL 202 Foundations of Tactical Leadership (2 crs)

Prerequisite: MSL 201 or consent of instructor.

Consent: Instructor Consent Required

- *One off-campus training event required. Lab and Physical Training required (see Schedule).*

Continues study of leadership principles emphasizing leadership analysis and leadership self-assessment. Students integrate map reading with tactical planning and develop operations orders. Lab applies basic team leadership during practical exercises in a field environment. Physical Training consists of techniques to improve muscular strength and endurance and cardio-respiratory capacity. Includes strength and aerobic exercises, water confidence training, distance running, military drills and team sports. Physical Training attendance required two days per week. Open to all students.

Attributes: Field Trip(s) Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

Physical Training Hours: 2

MSL 301 Adaptive Team Leadership (3 crs)

Prerequisite: MSL 101, MSL 102, MSL 201, MSL 202 or consent of instructor.

Consent: Instructor Consent Required

- *Required off-campus training weekends. Lab and Physical Training required (see Schedule).*

Students conduct leadership self-assessment, receiving direct and peer feedback. Apply advanced tactical skills and leadership in planning small-unit tactical training applying problem-solving techniques. Lab reinforces squad-level tactics, employing the troop-leading procedures. Physical Training consists of developing and leading programs to improve muscular strength and endurance and cardio-respiratory capacity. Includes strength and aerobic exercises, water confidence training, distance running, military drills and team sports. Physical Training attendance required three days per week. Open to all students.

Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

Physical Training Hours: 3

MSL 302 Applied Team Leadership (3 crs)

Prerequisite: MSL 301 or consent of instructor.

Consent: Instructor Consent Required

- *Required off-campus training weekends. Lab and Physical Training required (see Schedule).*

Emphasis on writing operation orders, improving oral/written communications, and leadership analysis. Receive direct and peer feedback on leadership performance. Lab applies advanced tactics and leadership during patrol-size tactical training. Physical Training consists of developing and leading programs to improve muscular strength and endurance and cardio-respiratory capacity. Includes strength and aerobic exercises, water confidence training, distance running, military drills and team sports. Physical Training attendance required three days per week. Open to all students.

Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

Physical Training Hours: 3

MSL 399 Military Science and Leadership Independent Study (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Instructor Consent Required

- *Required off-campus training weekends. Lab and Physical Training required (see Schedule).*

Students propose an independent study project on a topic in military history, military tactics or political/military leadership to the Assistant Professor of Military Science. Projects may include library research or original empirical research. Students work independently, with supervising instructor providing oversight and assistance. Physical Training attendance required three days a week. Open to juniors and seniors.

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 1-3

Lab/Studio Hours: 2

Physical Training Hours: 3

MSL 401 Developing Adaptive Leaders (3 crs)

Prerequisite: MSL 302 or consent of instructor.

- *Required off-campus training weekends. Lab and Physical Training required (see Schedule).*

Develop proficiency in planning and executing complex operations, functioning as a staff member and mentoring subordinates. Explore training management, staff collaboration and developmental counseling techniques. Lab instruction is designed to increase students' organizational-level, mentoring and assessment skills. Physical Training requires mentoring junior Cadets in techniques to improve muscular strength and endurance and cardio-respiratory capacity. Includes strength and aerobic exercises, water confidence training, distance running, military drills and team sports. Physical Training attendance required three days per week. Open to all students.

Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

Physical Training Hours: 3

MSL 402 Leadership in a Complex World (3 crs)

Prerequisite: MSL 401 or consent of instructor.

Consent: Instructor Consent Required

- *Required off-campus training weekends. Lab and Physical Training required (see Schedule).*

Examine officership, study Army programs, and complete a battle analysis. Examine civilian, governmental, legal, and cultural factors of conducting military operations in an international environment. Lab instruction is designed to increase students' organizational level, mentoring and assessment skills. Physical Training requires mentoring junior Cadets in techniques to improve muscular strength and endurance and cardio-respiratory capacity. Includes strength and aerobic exercises, water confidence training, distance running, military drills and team sports. Physical Training attendance required three days per week. Open to all students.

Attributes: Undergraduate/Graduate Offering, Field Trip(s) Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

Physical Training Hours: 3

MSL 501 Adaptive Team Leadership (3 crs)

Consent: Instructor Consent Required

- *Cross-listed with MSL 301. Credit may not be earned in both courses. Required off-campus training weekends. Lab and Physical Training required (see Schedule).*

Students conduct leadership self-assessment, receiving direct and peer feedback. Apply advanced tactical skills and leadership in planning small-unit tactical training applying problem-solving techniques. Lab reinforces squad-level tactics, employing the troop-leading procedures. Physical Training consists of developing and leading programs to improve muscular strength and endurance and cardio-respiratory capacity. Includes strength and aerobic exercises, water confidence training, distance running, military drills and team sports. Physical Training attendance required three days per week. Open to all students.

Attributes: Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

Physical Training Hours: 3

MSL 502 Applied Team Leadership (3 crs)

Consent: Instructor Consent Required

- *Cross-listed with MSL 302. Credit may not be earned in both courses. Required off-campus training weekends. Lab and Physical Training required (see Schedule).*

Emphasis on writing operation orders, improving oral/written communications and leadership analysis. Receive direct and peer feedback on leadership performance. Lab applies advanced tactics and leadership during patrol-size tactical training. Physical Training consists of developing and leading programs to improve muscular strength and endurance and cardio-respiratory capacity. Includes strength and aerobic exercises, water confidence training, distance running, military drills and team sports. Physical Training attendance required three days per week. Open to all students.

Attributes: Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

Physical Training Hours: 3

MSL 601 Developing Adaptive Leaders (3 crs)

Consent: Instructor Consent Required

- *Cross-listed with MSL 401. Credit may not be earned in both courses. Required off-campus training weekends. Lab and Physical Training required (see Schedule).*

Develop proficiency in planning and executing complex operations, functioning as a staff member and mentoring subordinates. Explore training management, staff collaboration and developmental counseling techniques. Lab instruction is designed to increase students' organizational-level, mentoring and assessment skills. Physical Training requires mentoring junior Cadets in techniques to improve muscular strength and endurance and cardio-respiratory capacity. Includes strength and aerobic exercises, water confidence training, distance running, military drills and team sports. Physical Training attendance required three days per week. Open to all students.

Attributes: Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

Physical Training Hours: 3

MSL 602 Leadership in a Complex World (3 crs)

Consent: Instructor Consent Required

- *Cross-listed with MSL 402. Credit may not be earned in both courses. Required off-campus training weekends. Lab and Physical Training required (see Schedule).*

Examine officership, study Army programs, and complete a battle analysis. Examine civilian, governmental, legal, and cultural factors of conducting military operations in an international environment. Lab instruction is designed to increase students' organizational level, mentoring and assessment skills. Physical Training requires mentoring junior Cadets in techniques to improve muscular strength and endurance and cardio-respiratory capacity. Includes strength and aerobic exercises, water confidence training, distance running, military drills and team sports. Physical Training attendance required three days per week. Open to all students.

Attributes: Field Trip(s) Required
 Grading Basis: No S/U Grade Option
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 2
 Physical Training Hours: 3

Music (MUSI)

MUSI 100 Performing Arts On Stage (3 crs)

- *No credit toward music major or minor programs. May not be repeated for credit.*

Introduction to music listening and theatre appreciation. The course provides a working vocabulary for describing music and theatre while exploring the connection between performing arts and cultural context. In-class lectures/demonstrations are presented by performing arts faculty.

Attributes: GE IVA Humanities-Fine Arts
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

MUSI 102 Fundamentals of Music (2 crs)

Prerequisite: No credit if taken after or concurrently with MUSI 141.

- *No credit toward music major or minor programs. May be waived by examination.*

Introduction to musical skills and notation: reading and notating simple music; singing; playing melodies, chords, and scales on recorder and piano; basics of pitch, rhythm, timbre, form, and texture.

Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity
 Lecture/Discussion Hours: 2
 Lab/Studio Hours: 0

MUSI 103 Introduction to Electric Guitar (2 crs)

- *No credit toward music major or minor program.*

Introduction to electric guitar for the non-music major/minor. Music notational and tablature reading, basic music theory concepts, elementary playing technique mastery, and technical equipment overview emphasized. No prior guitar knowledge needed.

Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity
 Lecture/Discussion Hours: 1
 Lab/Studio Hours: 1

MUSI 104 Introduction to Piano (2 crs)

- *No credit toward music major or minor programs.*

An introduction to the keyboard for the non-music major/minor. Music reading, harmonization, improvisation, and basic music theory concepts will be emphasized. For the student with no prior keyboard knowledge.

Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity
 Grading Basis: No Auditors
 Lecture/Discussion Hours: 1
 Lab/Studio Hours: 1

MUSI 106 Class Piano (2 crs)

Prerequisite: MUSI 104 or keyboard placement exam.

Consent: Department Consent Required

- *No credit toward music major or minor programs.*

Fundamental piano knowledge with an introduction to repertoire, technique, harmonization, and sight-reading.

Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity
 Grading Basis: No Auditors
 Lecture/Discussion Hours: 2
 Lab/Studio Hours: 0

MUSI 108 Advanced Class Piano (2 crs)

Prerequisite: MUSI 106 or keyboard placement exam.

Consent: Department Consent Required

- *No credit toward music major or minor programs.*

Designed for the student with some knowledge of piano. Sightreading, harmonization, transposition, technique, and repertoire are stressed in preparation for the proficiency examination given at course conclusion.

Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity
 Grading Basis: No Auditors
 Lecture/Discussion Hours: 2
 Lab/Studio Hours: 0

MUSI 110 Music Appreciation (3 crs)

Master works and historical eras of Western music; nontechnical, offered for enjoyment and enrichment of cultural background.

Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

MUSI 111 Global Roots of Music in the United States (3 crs)

Forms and cultures represented in folk music in the United States with study of global roots of music and examination of perspectives and roles of music in culture.

Attributes: Cultural Diversity 2 cr., GE IVA Humanities-Fine Arts, LE-DDIV Design for Diversity, LE-K4 Fine Arts, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 112 History of Rock and Pop (3 crs)

- *No credit toward music major or minor programs.*

Non-technical stylistic development and history of popular music in the United States and United Kingdom from approximately 1955 through 1985. Emphasis placed on developing perceptive listening skills and analyzing cultural and social contexts.

Attributes: Cultural Diversity 1 cr., GE IVA Humanities-Fine Arts, LE-DDIV Design for Diversity, LE-K4 Fine Arts, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 114 Evolution of Jazz (3 crs)

- *No credit toward any music major or minor degree program.*

Non-technical history and appreciation of jazz.

Attributes: Cultural Diversity 2 cr., GE IVA Humanities-Fine Arts, LE-DDIV Design for Diversity, LE-K4 Fine Arts, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 116 Folk Guitar in Culture across Time (3 crs)

Beginning folk guitar course with diversity infused to represent diverse repertoire and roles and styles of guitar playing in the United States and global music scene.

Attributes: Cultural Diversity 1 cr., GE IVA Humanities-Fine Arts, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity, LE-S3 Creativity
Lecture/Discussion Hours: 1
Lab/Studio Hours: 2

MUSI 118 Introduction to Singing (2 crs)

Consent: Instructor Consent Required

- *No credit toward music major or minor programs.*

Rudiments of singing for the general student, including breath management, tone production, and experience with classical and popular singing styles.

Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity
Grading Basis: No Auditors
Lecture/Discussion Hours: 1
Lab/Studio Hours: 1

MUSI 141 Theory Written I (3 crs)

Prerequisite: Limited to music/music therapy majors and minors.

Consent: Instructor Consent Required

Triads and their inversions, principles of voice leading, and first through fourth species counterpoint.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 142 Theory Aural I (1 cr)

Prerequisite: Limited to music/music therapy majors and minors.

Consent: Instructor Consent Required

Skills in aural recognition and sight-singing, including simple melodies and basic techniques related to melodic and harmonic dictation.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MUSI 146 Theory Written II (3 crs)

Prerequisite: Grades of C- (C minus) or above in MUSI 141 and MUSI 142.

Continuation of Theory Written I, with addition of phrase structure, seventh chords, non-harmonic tones, secondary chords, common-chord modulation, fugue, and fifth-species counterpoint.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 147 Theory Aural II (1 cr)

Prerequisite: Grades of C- (C minus) or above in MUSI 141 and MUSI 142.

Continuation of Theory Aural I, with addition of seventh chords, non-harmonic tones, secondary dominants, and modulation to closely related keys.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MUSI 150 Beginning Composition (2 crs)

Prerequisite: MUSI 141 and MUSI 142.

Introduction to principles of music composition with an emphasis on recent art music. Composition and performance of student works for one to five players.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MUSI 151 Applied Music-Piano (1-4 crs)

Consent: Instructor Consent Required

Solo repertoire, techniques, and performance.

Repeat: Course may be repeated
Grading Basis: No Auditors

MUSI 152 Applied Music-Organ (1-4 crs)

Consent: Instructor Consent Required

Solo repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 153 Applied Music-Voice (1-4 crs)

Consent: Instructor Consent Required

Solo repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 154 Applied Music-Violin (1-4 crs)

Consent: Instructor Consent Required

Solo repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 155 Applied Music-Viola (1-4 crs)

Consent: Instructor Consent Required

Solo repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 156 Applied Music-Cello (1-4 crs)

Consent: Instructor Consent Required

Solo repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 157 Applied Music-Double Bass (1-4 crs)

Consent: Instructor Consent Required

Solo repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 158 Applied Music-Flute (1-4 crs)

Consent: Instructor Consent Required

Solo repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 159 Applied Music-Oboe (1-4 crs)

Consent: Instructor Consent Required

Solo repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 160 Applied Music-Clarinet (1-4 crs)

Consent: Instructor Consent Required

Solo repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 161 Applied Music-Bassoon (1-4 crs)

Consent: Instructor Consent Required

Solo repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 162 Applied Music-Saxophone (1-4 crs)

Consent: Instructor Consent Required

Solo repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 163 Applied Music-Trumpet/Cornet (1-4 crs)

Consent: Instructor Consent Required

Solo repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 164 Applied Music-French Horn (1-4 crs)

Consent: Instructor Consent Required

Solo repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 165 Applied Music-Trombone (1-4 crs)

Consent: Instructor Consent Required

Solo repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 167 Applied Music-Euphonium (1-4 crs)

Consent: Instructor Consent Required

Solo repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 168 Applied Music-Tuba (1-4 crs)

Consent: Instructor Consent Required

Solo repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 169 Applied Music-Percussion (1-4 crs)

Consent: Instructor Consent Required

Solo repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 170 Applied Music-Composition (1-4 crs)

Consent: Instructor Consent Required

Solo repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 171 Applied Music-Harp (1-4 crs)

Consent: Instructor Consent Required

Solo repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 172 Applied Music-Harpsichord (1-4 crs)

Consent: Instructor Consent Required

Solo repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 180 Symphony Band (1 cr)

Consent: Instructor Consent Required

• *Audition required.*

Local concerts, annual concert tour and/or other out-of-town appearances may be part of this course.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 7 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 4

MUSI 181 Wind Ensemble (1 cr)

Consent: Instructor Consent Required

• *Audition required.*

Local concerts, annual concert tour and/or out-of-town appearances may be part of this course. Includes study and performances of major wind ensemble literature.

Repeat: Course may be repeated for a maximum of 7 credits

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 4

MUSI 182 University Band (1 cr)

Local concerts, an annual concert tour and/or other out-of-town appearances may be part of this course.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 7 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

MUSI 183 Marching Band (1 cr)• *Audition required.*

Perform at all home football games and the Homecoming Parade. Out-of-town performances may be part of this course.

Attributes: Physical Activity, Activity

Repeat: Course may be repeated for a maximum of 7 credits

Lecture/Discussion Hours: 0

Lab/Studio Hours: 1

MUSI 184 University Orchestra (1 cr)

Consent: Instructor Consent Required

• *Audition required. Local and out-of-town appearances may be a part of this course.*

Includes study and performance of major orchestral literature.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 7 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 4

MUSI 185 Summer Band (1 cr)• *No audition required.*

One performance is given during summer session.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 7 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

MUSI 186 Jazz Ensemble (1 cr)

Consent: Instructor Consent Required

- *Audition required.*

Techniques and literature. Local concerts and out-of-town appearances may be a part of this course.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

MUSI 188 Concert Choir (1 cr)

Consent: Instructor Consent Required

- *Audition required.*

Local concerts, an annual concert tour, and/or other out-of-town appearances are required.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 7 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 4

MUSI 189 Summer Choir (1 cr)

- *No audition required.*

One performance given during summer session.

Attributes: Activity

Repeat: Course may be repeated

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

MUSI 190 Symphonic Choir (1 cr)

Consent: Instructor Consent Required

- *Audition required.*

A large choir which performs major choral works with orchestra. Off-campus performance may be required.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 7 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

MUSI 191 Men's Glee Club (The Statesmen) (1 cr)

Consent: Instructor Consent Required

- *Audition required.*

Local concerts, an annual tour, and/or other out-of-town performances are required.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 7 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

MUSI 192 Women's Concert Chorale (1 cr)

Consent: Instructor Consent Required

- *Audition required.*

Local concerts, an annual tour, and/or other out-of-town performances are required.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 7 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 1

MUSI 193 Women's Chorus (1 cr)

Consent: Instructor Consent Required

- *Audition required--may not be taken by choral/vocal majors.*

One performance is given at the end of the semester. Other local performances may be part of this course.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 7 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 1

MUSI 196 String Techniques (1 cr)

Consent: Instructor Consent Required

Materials, methods and techniques of playing and teaching violin, viola, cello, and bass through lecture and lab performance.

Attributes: Activity

Lecture/Discussion Hours: 1

Lab/Studio Hours: 1

MUSI 198 Percussion Techniques (1 cr)

Consent: Instructor Consent Required

Materials, methods, and techniques of playing and teaching percussion instruments through lecture and lab performance.

Grading Basis: No Auditors

Lecture/Discussion Hours: 1

Lab/Studio Hours: 1

MUSI 202 Brass Techniques (1 cr)

Consent: Instructor Consent Required

Materials, methods, and techniques of playing and teaching trumpet, horn, trombone, euphonium, and tuba through lecture and lab performance.

Grading Basis: No Auditors

Lecture/Discussion Hours: 1

Lab/Studio Hours: 1

MUSI 208 Woodwind Techniques (1 cr)

Prerequisite: Minimum sophomore standing.

Consent: Instructor Consent Required

Materials, methods, and techniques of playing and teaching clarinet and saxophone through lecture and lab performance.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 1

MUSI 210 Woodwind Techniques (1 cr)

Prerequisite: Minimum sophomore standing.

Consent: Instructor Consent Required

Materials, methods, and techniques of playing and teaching flute, oboe, and bassoon through lecture and lab performance.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 1

MUSI 224 Music and Gender (3 crs)

• *Credit may not be earned in both MUSI 224 (formerly MUSI 306) and WMNS 224 (formerly WMNS 306).*

Addresses the relationship between music and gender, how music reflects and influences gender construction, and the role of women in musical culture (composers, song-writers, performers, and patrons). No prior knowledge of music assumed.

Attributes: Cultural Diversity 1 cr., GE IVA Humanities-Fine Arts, LE-DDIV Design for Diversity, LE-K4 Fine Arts, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MUSI 225 World Music (2 crs)

Comparisons of diverse cultures through an examination of their musical practices: Native American, Hmong, Asian, African, Japanese, and South American.

Attributes: Foreign Culture, Cultural Diversity 1 cr., GE IVA Humanities-Fine Arts, LE-K4 Fine Arts, LE-R2 Global Perspectives

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 227 Music History & Society I (3 crs)

Prerequisite: MUSI 146

Development of European classical music to 1700 with comparative music examples from folk, popular, and jazz traditions.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MUSI 229 Music History & Society II (3 crs)

Prerequisite: MUSI 227. Must be taken with MUSI 248.

Development of Euro-American classical music from 1700 with comparative music examples from folk, popular, and jazz music traditions.

Attributes: Foreign Culture

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MUSI 246 Theory Written III (3 crs)

Prerequisite: Grades of C- (C minus) or above in MUSI 146 and MUSI 147.

Continuation of Theory Written II, with the addition of Neapolitan, augmented sixth, and chromatic mediant chords, modal mixture, advanced modulation, and binary, ternary, and sonata form.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MUSI 247 Theory Aural III (1 cr)

Prerequisite: Grades of C- (C minus) or above in MUSI 146 and MUSI 147.

Continuation of Theory Aural II, with the addition of altered chords, chords of multiple thirds, Neapolitan sixth chord, augmented sixth chords, and advanced modulation.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 248 Theory Written IV (3 crs)

Prerequisite: Grades of C- (C minus) or above in MUSI 246 and MUSI 247.

Continuation of Theory Written III, with the addition of late nineteenth-century chromaticism and form, and techniques of twentieth-century composers.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MUSI 249 Theory Aural IV (1 cr)

Prerequisite: Grades of C- (C minus) or above in MUSI 246 and MUSI 247.

Continuation of Theory Aural III, with the addition of material employed by composers of the mid-late nineteenth century and the twentieth century.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 253 University Chamber Orchestra (1 cr)

Lab/Studio Hours: 2

Attributes: Activity

Repeat: Course may be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 1

MUSI 255 String Ensemble (1 cr)

Consent: Instructor Consent Required

Attributes: Activity

Repeat: Course may be repeated for a maximum of 4 credits

MUSI 256 Brass Ensemble (1 cr)

Consent: Instructor Consent Required

Attributes: Activity

Repeat: Course may be repeated for a maximum of 4 credits

MUSI 257 Woodwind Ensemble (1 cr)

Consent: Instructor Consent Required

Attributes: Activity

Repeat: Course may be repeated for a maximum of 4 credits

MUSI 258 Percussion Ensemble (1 cr)

Consent: Instructor Consent Required

Attributes: Activity

Repeat: Course may be repeated for a maximum of 3 credits

MUSI 259 Jazz Combo (1 cr)

Consent: Instructor Consent Required

Attributes: Activity

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 260 Contemporary Music Ensemble (1 cr)

Prerequisite: Limited to music and music education majors or minors, or theatre majors or minors, or dance minors or consent of instructor.

Consent: Instructor Consent Required

Includes study and performances of contemporary compositions as well as 20th- and 21st-century repertoire and styles.

Attributes: Field Trip(s) Required

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

MUSI 262 Chamber Choir (1 cr)

Consent: Department Consent Required

Attributes: Activity

Repeat: Course may be repeated for a maximum of 4 credits

MUSI 265 Vocal Jazz Ensemble (1 cr)

Consent: Instructor Consent Required

Attributes: Activity

Repeat: Course may be repeated for a maximum of 4 credits

MUSI 268 Piano Ensemble (1 cr)

Consent: Instructor Consent Required

Attributes: Activity

Repeat: Course may be repeated for a maximum of 4 credits

MUSI 276 Keyboard Accompanying (2 crs)

Prerequisite: Sophomore standing as a music major and two semesters of MUSI 151, or instructor consent.

Focuses on development of accompanying/collaborative skills of pianists. Vocal and instrumental repertoire studied with a focus on efficient preparation, effective rehearsing, and sensitive and artistic collaboration.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 2

MUSI 278 Beginning Functional Piano (1 cr)

Prerequisite: MUSI 146, MUSI 147; completion of the Piano Proficiency Examination.

Consent: Instructor Consent Required

Beginning melodic realization by ear, simple accompaniment patterns, harmonization using primary chords, transposition and modulation, song arrangements, improvisation, and lead-sheet realization.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

MUSI 280 Opera/Music Theatre Workshop (1 cr)

Consent: Instructor Consent Required

Development of performance abilities and technical skills necessary for production of opera and music theatre culminating in performance of operatic and/or music theatre repertoire.

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

MUSI 290 Music and Culture Abroad (1-3 crs)

Emphasis on music and culture of the host country.

Attributes: Foreign Culture, GE IVA Humanities-Fine Arts

MUSI 297 Sophomore Recital (1-2 crs)

Consent: Instructor Consent Required

- Half recital = 1 cr. Whole recital = 2 crs. Concurrent registration in appropriate applied area (courses MUSI 151-172).

Preparation and performance of public recital.

Grading Basis: No Auditors

MUSI 303 Music History 1900 to Present (3 crs)

Prerequisite: MUSI 229

Developments in Western music from Impressionism to present day.

Attributes: Foreign Culture, Cultural Diversity 1 cr.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MUSI 305 Analyzing Global Traditions in Music (3 crs)

Prerequisite: MUSI 229. Credit may not be earned in both MUSI 225 and MUSI 305

Addresses musical cultures from around the world through broad cultural and specific technical perspectives. Comparisons are made to Western musical practices.

Attributes: Foreign Culture, Cultural Diversity 1 cr.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MUSI 307 Music in the United States (3 crs)

This course will examine American music from the Colonial Period to the present and particularly highlight music within the contexts of class and race. Significant cultural, social, and historical relationships to the musical developments will be explored.

Attributes: Cultural Diversity 1 cr., GE IVA Humanities-Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MUSI 308 Introduction to Twentieth Century Techniques (2 crs)

Prerequisite: Grade of C- (C minus) or above in MUSI 248.

Study of harmonic/contrapuntal materials employed by composers since 1900.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 309 Electronic Music (2 crs)

Prerequisite: MUSI 308

Consent: Instructor Consent Required

Discussion, exposure, and experimentation in synthesizer techniques (ARP 2600); patching between studio modules; tape composition.

Attributes: Undergraduate/Graduate Offering

Grading Basis: No Auditors

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 312 Eurhythmics (2 crs)

Prerequisite: Limited to music/music therapy majors and minors.

Elements of music and musical expression through the medium of bodily movement.

Grading Basis: No Auditors

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 313 Music in Early Childhood (2 crs)

Prerequisite: MUSI 102. Limited to SPED, ELED, and music teaching majors and minors.

Theories of early childhood development, strategies for structuring musical experiences, and uses of music to facilitate growth in other areas.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 315 Piano Pedagogy I (2 crs)

Consent: Instructor Consent Required

Survey problems of individual and class instruction, piano method books and literature, the physiological basis of piano playing, instrument construction and care, and sound business practices for the studio teacher.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 316 Piano Pedagogy II (2 crs)

Prerequisite: MUSI 315

Focus on practical applications of theoretical concepts learned in MUSI 315, in-depth study of the teaching literature beyond beginning method books, learning methods, and a survey of historical schools of piano instruction and important pedagogues.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 318 Electronic Music for the Non-Professional (3 crs)

- Previous musical experience recommended.

An introduction to technology in music making from the late nineteenth century to the present. Topics including recording, sampling, editing, synthesis, MIDI, and computers as compositional and song-writing tools. Projects in GarageBand and Logic.

Attributes: GE IVA Humanities-Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MUSI 319 North American Indian Music (3 crs)

• *Credit may not be earned in both MUSI 319 and AIS 319.*

A survey of North American Indian music in contemporary and historical contexts.

Attributes: Cultural Diversity 3 cr., GE IVA Humanities-Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MUSI 325 Orchestration (2 crs)

Prerequisite: MUSI 246

Range, transposition, playing characteristics, and practical use of the instruments.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 335 Baroque Counterpoint (2 crs)

Prerequisite: MUSI 246

Instrumental counterpoint in two and three voices, based on eighteenth century techniques.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 338 Jazz History and Analysis (3 crs)

Prerequisite: MUSI 147. Limited to any music degree major or minor program.

Technical survey of jazz history with music analysis.

Attributes: Cultural Diversity 3 cr.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MUSI 339 Jazz Arranging (2 crs)

Prerequisite: MUSI 246 and MUSI 247.

Arranging for small and large ensembles in the jazz idiom.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 340 Music and Related Arts in PK-8 Education (3 crs)

Prerequisite: ES 203. Limited to elementary education and special education majors. No credit if taken after MUSI 240.

• *Permission for graduate-level credit is via instructor approval.*

Understanding and using content, function, and achievement of music and related arts (dance, theater, visual arts) as primary media for communication, inquiry, and engagement among students grades pre-K--8.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MUSI 341 Jazz Improvisation (2 crs)

Consent: Instructor Consent Required

• *Ability to read music, knowledge of major scales, ability to perform on a musical instrument.*

An introductory course in the art of jazz improvisation with emphasis on performance by the student.

Attributes: GE IVA Humanities-Fine Arts

Grading Basis: No Auditors

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 345 Voice Pedagogy (3 crs)

Prerequisite: Four semesters of MUSI 153 and/or MUSI 353. Limited to music/voice majors and minors.

Development of skills for teaching singing through the study of the vocal mechanism, processes of respiration, resonance, and articulation. Application of these skills in lesson work with college, high school and middle school singers.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MUSI 347 Singers' Diction: Italian and German (2 crs)

Study of Italian and German lyric diction. Designed primarily for singers.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 348 Singers' Diction: English and French (2 crs)

Study of English and French lyric diction. Designed primarily for singers.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 350 Conducting (2 crs)

Prerequisite: MUSI 246, MUSI 247 and completion of the Piano Proficiency Examination.

A basic course in fundamental, practical skills of baton and rehearsal techniques for both instrumental and choral music.

Grading Basis: No Auditors

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 351 Advanced Applied Music-Piano (1-4 crs)

Consent: Instructor Consent Required

Advanced repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 352 Advanced Applied Music-Organ (1-4 crs)

Consent: Instructor Consent Required

Advanced repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 353 Advanced Applied Music-Voice (1-4 crs)

Consent: Instructor Consent Required

Advanced repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 354 Advanced Applied Music-Violin (1-4 crs)

Consent: Instructor Consent Required

Advanced repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 355 Advanced Applied Music-Viola (1-4 crs)

Consent: Instructor Consent Required

Advanced repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 356 Advanced Applied Music-Cello (1-4 crs)

Consent: Instructor Consent Required

Advanced repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 357 Advanced Applied Music-Double Bass (1-4 crs)

Consent: Instructor Consent Required

Advanced repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 358 Advanced Applied Music-Flute (1-4 crs)

Consent: Instructor Consent Required

Advanced repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 359 Advanced Applied Music-Oboe (1-4 crs)

Consent: Instructor Consent Required

Advanced repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 360 Advanced Applied Music-Clarinet (1-4 crs)

Consent: Instructor Consent Required

Advanced repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 361 Advanced Applied Music-Bassoon (1-4 crs)

Consent: Instructor Consent Required

Advanced repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 362 Advanced Applied Music-Saxophone (1-4 crs)

Consent: Instructor Consent Required

Advanced repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 363 Advanced Applied Music-Trumpet/Cornet (1-4 crs)

Consent: Instructor Consent Required

Advanced repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 364 Advanced Applied Music-French Horn (1-4 crs)

Consent: Instructor Consent Required

Advanced repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 365 Advanced Applied Music-Trombone (1-4 crs)

Consent: Instructor Consent Required

Advanced repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 367 Advanced Applied Music-Euphonium (1-4 crs)

Consent: Instructor Consent Required

Advanced repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 368 Advanced Applied Music-Tuba (1-4 crs)

Consent: Instructor Consent Required

Advanced repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 369 Advanced Applied Music-Percussion (1-4 crs)

Consent: Instructor Consent Required

Advanced repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 370 Advanced Applied Music-Composition (1-4 crs)

Consent: Instructor Consent Required

Advanced repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 371 Advanced Applied Music-Harp (1-4 crs)

Consent: Instructor Consent Required

Advanced repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 372 Advanced Applied Music-Harpsichord (1-4 crs)

Consent: Instructor Consent Required

Advanced repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 378 Advanced Functional Piano (1 cr)

Prerequisite: Two credits of MUSI 151.

Consent: Instructor Consent Required

Advanced sight-reading, transposition, harmonization, modulation, improvisation, lead-sheet realization, and accompaniment styles.

Grading Basis: No Auditors

Lecture/Discussion Hours: 1

Lab/Studio Hours: 1

MUSI 380 Symphony Band (1 cr)

Consent: Instructor Consent Required

• *Audition required.*

Local concerts, annual concert tour and/or other out-of-town appearances may be part of this course.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 7 credits

Grading Basis: No Auditors

Lecture/Discussion Hours: 1

Lab/Studio Hours: 4

MUSI 381 Wind Ensemble (1 cr)

Consent: Instructor Consent Required

• *Audition required.*

Local concerts, annual concert tour and/or out-of-town appearances may be part of this course. Includes study and performances of major wind ensemble literature.

Repeat: Course may be repeated for a maximum of 7 credits

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 4

MUSI 382 University Band (1 cr)

Local concerts, an annual concert tour and/or other out-of-town appearances may be part of this course.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 7 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

MUSI 384 University Orchestra (1 cr)

Consent: Instructor Consent Required

• *Audition required. Local and out-of-town appearances may be a part of this course.*

Includes study and performance of major orchestral literature.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 7 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 4

MUSI 385 Summer Band (1 cr)• *No audition required.*

One performance is given during summer session.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 7 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

MUSI 386 Jazz Ensemble (1 cr)

Consent: Instructor Consent Required

- *Audition required.*

Techniques and literature. Local concerts and out-of-town appearances may be a part of this course.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

MUSI 388 Concert Choir (1 cr)

Consent: Instructor Consent Required

- *Audition required.*

Local concerts, an annual concert tour, and/or other out-of-town appearances are required.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 7 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 4

MUSI 389 Summer Choir (1 cr)

- *No audition required.*

One performance is given during summer session.

Attributes: Activity

Repeat: Course may be repeated

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

MUSI 390 Symphonic Choir (1 cr)

Consent: Instructor Consent Required

- *Audition required.*

A large choir which performs major choral works with orchestra. Off-campus performance may be required.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 7 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

MUSI 391 Men's Glee Club (The Statesmen) (1 cr)

Consent: Instructor Consent Required

- *Audition required.*

Local concerts, an annual tour, and/or other out-of-town performances are required.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 7 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

MUSI 392 Women's Concert Chorale (1 cr)

Consent: Instructor Consent Required

- *Audition required.*

Local concerts, an annual tour, and/or other out-of-town performances are required.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 7 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

MUSI 393 Women's Chorus (1 cr)

Consent: Instructor Consent Required

- *Audition required--may not be taken by choral/vocal majors.*

One performance is given at the end of the semester. Other local performances may be part of this course.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 7 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 1

MUSI 394 Choral Workshop Abroad (1-3 crs)

An international master class on Choral Conducting and Literature; will consist of in-depth lectures, discussions, and practicums on specific composers and their music. Designed for professional choral conductors, music teachers, instrumentalists, composers, and singers. Specific topics to be announced and published each summer.

Attributes: Activity, Undergraduate/Graduate Offering

MUSI 397 Junior Recital (1-2 crs)

Prerequisite: Minimum junior standing.

Consent: Instructor Consent Required

- *Half recital = 1 cr. Whole recital = 2 crs. Concurrent registration in appropriate applied area (courses MUSI 351-372).*

Preparation and performance of public recital.

Repeat: Course may be repeated for a maximum of 2 credits

Grading Basis: No Auditors

MUSI 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

MUSI 404 Music History Seminar (3 crs)

Prerequisite: MUSI 305; Limited to music majors and minors. Credit may not be earned in both MUSI 404 and MUSI 405

Topics vary depending on interests of students and faculty and may be specific themes, styles, composers, or eras in history. Involves readings on the selected topic and preparation of a research project by each student.

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MUSI 405 Music History Seminar (2 crs)

Prerequisite: MUSI 225, MUSI 303. Limited to music/music therapy majors and minors.

Topics will vary depending on interests of students and faculty. Topics may be specific themes, styles, composers, or eras in history. It will involve readings on the selected topic and preparation of a research project by each student.

Repeat: Course may be repeated for a maximum of 10 credits

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 407 Music Theory Seminar (2 crs)

Prerequisite: MUSI 248. Limited to music/music therapy majors and minors.

Topics will vary depending on the interests of students and faculty. Students will develop a focused research project based on their interests, present preliminary results to the class, and write a final paper.

Repeat: Course may be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 418 Alexander Technique (2 crs)

Prerequisite: Limited to music and theatre arts majors and minors and dance minors. Minimum junior standing.

The Alexander Technique is a hands-on approach to movement re-education. This technique is used by actors, musicians, dancers and others to improve their talents, manage pain and stress, and enhance their creativity.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 421 Marching Band Procedures (2 crs)

Prerequisite: MUSI 183. Limited to music education majors. Minimum junior standing.

Consent: Instructor Consent Required

A study of methods and techniques used in the administration and instruction of contemporary marching band. The course presents a specific system of conceiving, writing, and teaching marching band shows; and explores current technology.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 1

MUSI 425 Jazz Ensemble Techniques (1-2 crs)

Organization and selection of literature, rehearsal and interpretation techniques, arranging, and improvisation. Overview of the relationship to present-day curriculum and music education goals.

Attributes: Undergraduate/Graduate Offering

MUSI 437 Renaissance Counterpoint (2 crs)

Prerequisite: MUSI 246

Vocal counterpoint in two and three voices, based on sixteenth century techniques.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 442 The Art of Musicianship (2 crs)

Prerequisite: MUSI 248, 300-level course in the applied area. Limited to music majors and minors.

Integrates historical evidence, analytical skills, and intuitive insights in the preparation of musical performance. Students will develop individual performance projects.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 450 Band Arranging (2 crs)

Prerequisite: MUSI 325

Techniques of band scoring.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 453 University Chamber Orchestra (1 cr)

Lab/Studio Hours: 2

Attributes: Activity

Repeat: Course may be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 1

MUSI 455 String Ensemble (1 cr)

Consent: Instructor Consent Required

Attributes: Activity

Repeat: Course may be repeated for a maximum of 4 credits

MUSI 456 Brass Ensemble (1 cr)

Consent: Instructor Consent Required

Attributes: Activity

Repeat: Course may be repeated for a maximum of 4 credits

MUSI 457 Woodwind Ensemble (1 cr)

Consent: Instructor Consent Required

Attributes: Activity

Repeat: Course may be repeated for a maximum of 4 credits

MUSI 458 Percussion Ensemble (1 cr)

Consent: Instructor Consent Required

Attributes: Activity

Repeat: Course may be repeated for a maximum of 4 credits

MUSI 459 Jazz Combo (1 cr)

Consent: Instructor Consent Required

Attributes: Activity

Repeat: Course may be repeated

Grading Basis: No Auditors

MUSI 460 Contemporary Music Ensemble (1 cr)

Prerequisite: Limited to music, theater, or dance majors or minors only.

Consent: Instructor Consent Required

Includes study and performances of contemporary compositions as well as 20th- and 21st-century repertoire and styles.

Attributes: Field Trip(s) Required

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

MUSI 461 Voice Ensemble (1 cr)

Prerequisite: MUSI 353 or concurrent enrollment.

Consent: Instructor Consent Required

Preparation, interpretation and performance of duets, trios, quartets, and other repertoire composed for one solo voice per part; geared toward Bachelor of Music-Voice students.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 2 credits

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

MUSI 462 Chamber Choir (1 cr)

Consent: Instructor Consent Required

Attributes: Activity

Repeat: Course may be repeated for a maximum of 4 credits

MUSI 465 Vocal Jazz Ensemble (1 cr)

Consent: Instructor Consent Required

Attributes: Activity

Repeat: Course may be repeated for a maximum of 4 credits

MUSI 468 Piano Ensemble (1 cr)

Consent: Instructor Consent Required

Attributes: Activity

Repeat: Course may be repeated for a maximum of 4 credits

MUSI 470 Opera Literature (3 crs)

Prerequisite: Minimum junior standing.

The historical and stylistic developments in opera from its beginnings to the present through examination of the operatic repertoire.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MUSI 472 Voice Literature (3 crs)

Prerequisite: Minimum junior standing.

The study of solo voice literature, its interpretation and stylistic development from the seventeenth century to the present.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MUSI 474 Basso Continuo Realization at the Keyboard (2 crs)

Prerequisite: MUSI 227, MUSI 229, MUSI 248; MUSI 351 or MUSI 352 or MUSI 372 or consent of instructor.

A course in the technique and practice of realizing basso continuo parts in Baroque music. Designed primarily for harpsichord, piano, organ, and music history majors.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 476 Advanced Instrumental Techniques (1-3 crs)

Intensive study of performance techniques and pedagogy of a single instrument or family of instruments; includes the physical, psychological, and aesthetic aspects of performance, methodology and literature, equipment and maintenance.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

MUSI 477 17th-18th Century Performance Practice (3 crs)

Prerequisite: MUSI 227 and MUSI 229 or consent of instructor.

Examination of authentic Baroque and Classical performance, using recordings, class performance, original editions, theorists, and modern scholarly writings. Emphasis on the eighteenth century.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MUSI 478 Directing Practicum - Cabaret Productions (1 cr)

Consent: Instructor Consent Required

This course will include instruction in the areas of choral arranging, instrumental arranging, choreography, costuming, and rehearsal techniques in preparation for the annual music variety show.

Attributes: Service-Learning, Full 30 Hours

Repeat: Course may be repeated for a maximum of 3 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0.5

MUSI 480 Opera/Music Theatre Workshop (1 cr)

Consent: Instructor Consent Required

Development of performance abilities and technical skills necessary for production of opera and music theatre culminating in performance of operatic and/or music theatre repertoire.

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

MUSI 481 Piano Literature I (2 crs)

Prerequisite: Junior standing as a piano major or instructor consent. Credit may not be earned in both MUSI 475/MUSI 675 and MUSI 481.

Lab/Studio Hours: A study of the literature for solo piano from the Baroque through early Romantic eras.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

MUSI 482 Piano Literature II (2 crs)

Prerequisite: Junior standing as a piano major or consent of instructor. Credit may not be earned in both MUSI 475/MUSI 675 and MUSI 482.

A study of the literature for solo piano from the Romantic era to the present.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 490 Elementary Music Education Workshop (1-2 crs)

For elementary classroom teachers and music specialists. Designed to meet individual needs of workshop participants. Lectures and demonstrations of classroom materials, procedures, techniques, and publications.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

MUSI 491 Special Topics (1-3 crs)

Consent: Instructor Consent Required

Topics will vary according to interests of students and faculty. Focus is on aspects of music and music education not extensively covered in regular courses.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required

Varies by Term/Section

Repeat: Course may be repeated for a maximum of 9 credits

MUSI 492 Choral Workshop (1-2 crs)

Develops an understanding of vocal and conducting problems through the study, rehearsal, and performance of choral literature representative of specific historical periods. Specific topics to be announced and published annually.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 9 credits

MUSI 493 Jazz Arranging Workshop (2 crs)

Prerequisite: MUSI 141, MUSI 142, MUSI 146, MUSI 147.

Instruction in techniques of arranging and scoring in jazz tradition and styles.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 494 Percussion Workshop (1-2 crs)

Prerequisite: MUSI 198

For instrumental music directors who need to improve their knowledge of percussion. Review and/or introduction of basic pedagogy and practical care of instruments.

Attributes: Undergraduate/Graduate Offering

MUSI 495 Directed Studies-Pedagogy (Major Instrument) (1-3 crs)

Prerequisite: Two semesters applied 300-level courses. Minimum senior standing.

Consent: Department Consent Required

- *Required of B.M. instrumental majors.*

Survey of techniques, practices, teaching problems, tone production, and interpretation of various age levels; teaching experience under faculty supervision.

Repeat: Course may be repeated for a maximum of 6 credits

MUSI 496 Directed Studies-Literature (Major Instrument) (1-3 crs)

Prerequisite: Two semesters applied 300-level courses. Minimum senior standing.

Consent: Department Consent Required

- *Required of B.M. instrumental majors.*

Survey of solo and ensemble literature; includes score analysis, research and critical listening.

Repeat: Course may be repeated for a maximum of 6 credits

MUSI 497 Senior Recital (1-2 crs)

Prerequisite: Minimum senior standing.

Consent: Instructor Consent Required

- *Half recital = 1 cr. Whole recital = 2 crs. Concurrent registration in appropriate applied area (courses MUSI 351-372).*

Preparation and performance of public recital.

Attributes: Capstone Course

Repeat: Course may be repeated for a maximum of 2 credits

Grading Basis: No Auditors

MUSI 498 Music Internship (3 crs)

Consent: Instructor Consent Required

- *Limited to music majors and minors and students enrolled in the Fine Arts Administration certificate program.*

Practical experience in a professional or community-based music, cultural, or educational organization or business. Students will extend knowledge and skills gained in prior courses.

Attributes: Service-Learning, Full 30 Hours, Internship

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No Auditors

MUSI 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

MUSI 509 Electronic Music (2 crs)

Consent: Instructor Consent Required

- *Cross-listed with MUSI 309. Credit may not be earned in both courses.*

Discussion, exposure, and experimentation in synthesizer techniques (ARP 2600); patching between studio modules; tape composition.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 513 Music in Early Childhood (2 crs)

- *Cross-listed with MUSI 313. Credit may not be earned in both courses.*

Theories of early childhood development, strategies for structuring musical experiences, and uses of music to facilitate growth in other areas.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 535 Baroque Counterpoint (2 crs)

- *Cross-listed with MUSI 335. Credit may not be earned in both courses.*

Instrumental counterpoint in two and three voices, based on eighteenth century techniques.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 540 Music and Related Arts in PK-8 Education (3 crs)

- *Cross-listed with MUSI 340. Credit may not be earned in both courses.*

Permission for graduate-level credit is via instructor approval.

Understanding and using content, function, and achievement of music and related arts (dance, theater, visual arts) as primary media for communication, inquiry, and engagement among students grades pre-K–8.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MUSI 545 Voice Pedagogy (3 crs)

- Cross-listed with MUSI 345. Credit may not be earned in both courses.

Development of skills for teaching singing through the study of the vocal mechanism, processes of respiration, resonance, and articulation. Application of these skills in lesson work with college, high school and middle school singers.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 594 Choral Workshop Abroad (1-3 crs)

- Cross-listed with MUSI 394.

An international master class on Choral Conducting and Literature; will consist of in-depth lectures, discussions, and practicums on specific composers and their music. Designed for professional choral conductors, music teachers, instrumentalists, composers, and singers. Specific topics to be announced and published each summer.

Grading Basis: No S/U Grade Option

MUSI 618 Alexander Technique (2 crs)

- Cross-listed with MUSI 418.

The Alexander Technique is a hands-on approach to movement re-education. This technique is used by actors, musicians, dancers and others to improve their talents, manage pain and stress, and enhance their creativity.

Repeat: Course may be repeated for a maximum of 4 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MUSI 625 Jazz Ensemble Techniques (1-2 crs)

- Cross-listed with MUSI 425.

Organization and selection of literature, rehearsal and interpretation techniques, arranging, and improvisation. Overview of the relationship to present-day curriculum and music education goals.

Grading Basis: No S/U Grade Option

MUSI 637 Renaissance Counterpoint (2 crs)

- Cross-listed with MUSI 437. Credit may not be earned in both courses.

Vocal counterpoint in two and three voices, based on sixteenth century techniques.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MUSI 650 Band Arranging (2 crs)

- Cross-listed with MUSI 450.

Techniques of band scoring.

Repeat: Course may be repeated for a maximum of 4 credits
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MUSI 670 Opera Literature (3 crs)

- Cross-listed with MUSI 470. Credit may not be earned in both courses.

The historical and stylistic developments in opera from its beginnings to the present through examination of the operatic repertoire.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 672 Voice Literature (3 crs)

- Cross-listed with MUSI 472. Credit may not be earned in both courses.

The study of solo voice literature, its interpretation and stylistic development from the seventeenth century to the present.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MUSI 674 Basso Continuo Realization at the Keyboard (2 crs)

- Cross-listed with MUSI 474. Credit may not be earned in both courses.

A course in the technique and practice of realizing basso continuo parts in Baroque music. Designed primarily for harpsichord, piano, organ, and music history majors.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MUSI 676 Advanced Instrumental Techniques (1-3 crs)

- Cross-listed with MUSI 476.

Intensive study of performance techniques and pedagogy of a single instrument or family of instruments; includes the physical, psychological, and aesthetic aspects of performance, methodology and literature, equipment and maintenance.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

MUSI 677 17th-18th Century Performance Practice (3 crs)

• *Cross-listed with MUSI 477. Credit may not be earned in both courses.*

Examination of authentic Baroque and Classical performance, using recordings, class performance, original editions, theorists, and modern scholarly writings. Emphasis on the eighteenth century.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MUSI 690 Elementary Music Education Workshop (1-2 crs)

• *Cross-listed with MUSI 490.*

For elementary classroom teachers and music specialists. Designed to meet individual needs of workshop participants. Lectures and demonstrations of classroom materials, procedures, techniques, and publications.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

MUSI 691 Special Topics (1-3 crs)

Consent: Instructor Consent Required

• *Cross-listed with MUSI 491.*

Topics will vary according to interests of students and faculty. Focus is on aspects of music and music education not extensively covered in regular courses.

Attributes: Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: No S/U Grade Option

MUSI 692 Choral Workshop (1-2 crs)

• *Cross-listed with MUSI 492.*

Develops an understanding of vocal and conducting problems through the study, rehearsal, and performance of choral literature representative of specific historical periods. Specific topics to be announced and published annually.

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: No S/U Grade Option

MUSI 693 Jazz Arranging Workshop (2 crs)

• *Cross-listed with MUSI 493. Credit may not be earned in both courses.*

Instruction in techniques of arranging and scoring in jazz tradition and styles.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 694 Percussion Workshop (1-2 crs)

• *Cross-listed with MUSI 494.*

For instrumental music directors who need to improve their knowledge of percussion. Review and/or introduction of basic pedagogy and practical care of instruments.

Grading Basis: No S/U Grade Option

MUSI 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

Music Education (MUED)

MUED 135 Conducting Laboratory (1 cr)

• *Required of all majors and minors, open to all students.*

Provides a balanced band, orchestra, and choir for the junior and senior music students to conduct.

Repeat: Course may be repeated for a maximum of 3 credits

Grading Basis: No Auditors

Lecture/Discussion Hours: 0

Lab/Studio Hours: 2

MUED 211 Introduction to Music Education (1 cr)

Prerequisite: Passing PPST scores. No credit if taken after MUSI 211. Minimum sophomore standing.

Introduces basic issues and principles of music teaching with an emphasis on observation in classrooms, reflective thinking, comprehensive musicianship, teaching standards, and music content standards.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 1

MUED 300 Adaptive Music (1 cr)

Prerequisite: MUED 211

Structuring activities, adapting environments for students with special needs (exceptionalities), using techniques, adaptive instruments, academic and technology resources. Lab day with focus on guitar applications and improvisational structures. Field experiences include observation and teacher assisting.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 1

MUED 310 Principles, Practices, and Practicum in General Music PreK-5 (2 crs)

Prerequisite: Successful completion of MUED 211 or MUSI 211, and completion of the Piano Proficiency Examination.

Consent: Instructor Consent Required

Pedagogical focus on musical concepts, current and emerging instructional models, methods, materials, and strategies for designing and assessing developmentally appropriate learning experiences for pre-K--5 music classes. Includes observation and teaching in public schools with emphasis upon teacher standards and reflective practice.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MUED 318 Music as Content in Schools (2 crs)

Prerequisite: Limited to music education majors admitted to the College of Education and Human Sciences. Must be taken with ES 312.

Addresses philosophy of music education, curriculum development, lesson and unit planning, assessment, and management of music classrooms. Includes field experience in which student will experience teaching under the discretion of a cooperating teacher.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUED 400 Choral Literature and Conducting (2 crs)

Prerequisite: Grade of C or above in MUSI 350. Limited to music education majors.

Explores choral literature, performance practice, and conducting techniques. Emphasis is placed on artistic interpretation of traditional, contemporary, and ethnic choral music and the communication of interpretation through gesture.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 1

MUED 401 Instrumental Literature and Conducting (2 crs)

Prerequisite: Grade of C or above in MUSI 350. Limited to music education majors.

Explores instrumental literature, performance practice, and conducting techniques. Emphasis is placed on artistic interpretation of traditional and contemporary instrumental music and the communication of interpretation through gesture.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 1

MUED 410 Secondary Choral Teaching Methods (2 crs)

Prerequisite: MUED 211 and MUSI 350.

Focuses on instructional models, methods, materials, and strategies for teaching and assessing musical concepts in school choral performance ensembles and classes. Emphasizes curricular development and classroom management based upon stages of development in students.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 1

MUED 411 Secondary Instrumental Teaching Methods (2 crs)

Prerequisite: MUED 211 and MUSI 350.

Focuses on instructional models, methods, materials, and strategies for teaching and assessing musical concepts in school instrumental performance ensembles and classes. Emphasizes curricular development and classroom management based upon stages of development in students.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 1

MUED 420 Seminar in Teaching Choral Music (1 cr)

Consent: Instructor Consent Required

Special topics course that deals with the responsibilities generally associated with being a choral music instructor in the secondary schools. Topics will include the school musical, vocal jazz, show choir, madrigal choir, technology, touring, and other similar topics.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

MUED 421 Seminar in Teaching Instrumental Music (1 cr)

Consent: Instructor Consent Required

Variable topics course that deals with the responsibilities generally associated with being an instrumental music instructor in the secondary schools. Topics will include the marching band, other athletic bands, jazz ensembles, jazz combos, chamber music, touring, and technology.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

MUED 487 Student Teaching in Music (7-14 crs)

Prerequisite: Limited to music education majors admitted to the College of Education and Human Sciences. No credit if taken after ES 441, ES 445 or ES 470.

- Admission to professional semester. Coordinated with ES 497 during professional semester, no other courses may be taken during this semester, attendance at orientation meetings required prior to enrollment.

Practicum: 7 to 14 credits Professional music teaching experience in the schools under the supervision of a cooperating teacher in the school and related University music personnel. Students should expect to be free of employment and other activities, live in community where assigned, and follow school calendar where assigned.

Repeat: Course may be repeated for a maximum of 14 credits

Grading Basis: S/U Only Grade Basis

MUED 488 Internship Teaching in Music (7-14 crs)

Prerequisite: Limited to music education majors admitted to the College of Education and Human Sciences. No credit if taken after ES 441, ES 445 or ES 470.

Consent: Department Consent Required

- Admission to professional semester. Coordinated with ES 497 during professional semester, no other courses may be taken during this semester, attendance at orientation meetings required prior to enrollment.

Professional music teaching internship in the schools under the supervision of a cooperating teacher in the school and related University music personnel. Students should expect to be free of employment and other activities, live in community where assigned, and follow school calendar where assigned.

Attributes: Special Course Fee Required

Repeat: Course may be repeated for a maximum of 14 credits

Grading Basis: S/U Only Grade Basis

MUED 491 Special Topics (1-3 crs)

Consent: Instructor Consent Required

Topics will vary according to interests of students and faculty. Focus is on aspects of music education not extensively covered in regular courses.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 9 credits

MUED 499 Independent Study - Seniors (1-3 crs)

Consent: Department Consent Required

An intensive study in music education of particular interest to the student.

Repeat: Course may be repeated

MUED 691 Special Topics (1-3 crs)

Consent: Instructor Consent Required

- Cross-listed with MUED 491.

Topics will vary according to interests of students and faculty. Focus is on aspects of music education not extensively covered in regular courses.

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: No S/U Grade Option

Nursing (NRSNG)

NRSNG 101 Cultural Bridge I (1 cr)

Prerequisite: Enrollment in IHS grant project.

Provides an opportunity for students from cultures not widely represented at UW-Eau Claire to develop a beginning familiarity with the College of Nursing and Health Sciences and the University. Assessment of academic skills and provision for financial aid procedures are included.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

NRSNG 102 Cultural Bridge II (1 cr)

Prerequisite: NRSNG 101 with a grade of C or above or consent of instructor.

Continues the preparation of students from cultures not widely represented at UW-Eau Claire to enter the nursing major. Emphasis is on enhancing study skills, library skills, writing skills, and scientific reasoning skills.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

NRSNG 103 Cultural Bridge III (1 cr)

Prerequisite: NRSNG 102 with a grade of C or above or consent of instructor.

Continues the preparation of students from cultures not widely represented at UW-Eau Claire to enter the nursing major. Emphasis is on continuing development of library skills and writing skills. Preparation for study of scientific field is included.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

NRSNG 105 Dilemmas of Knowledge in Nursing and Healthcare (1 cr)

Prerequisite: WRIT 116 or concurrent enrollment, or consent of instructor.

Lecture/Discussion Hour: 1 Lab Studio Hour: 0 An introductory course on significant problems in nursing and healthcare. Explores ways that knowledge is discovered and used to describe and develop effective solutions.

Attributes: GE V University Wide

Grading Basis: A-F Grades Only

NRSNG 205 Integrating Knowledge for Improving Health (1 cr)

Prerequisite: BIOL 214; BIOL 314 and PSYC 230 or concurrent enrollment.

Lecture/Discussion Hour: 1 Lab/Studio Hour: 0 Critical thinking and evidence-based practice approaches used to demonstrate how healthcare professionals analyze, integrate, and apply knowledge to challenges ranging from everyday health care practice to global health policy. Simulations and discussions are used.

Attributes: GE V University Wide

Grading Basis: A-F Grades Only

NRSG 211 Wellness: Food for Fitness (1 cr)

- *Open to all majors.*

Introduces nutrition standards and role of nutrients in health. Examines nutrition trends and food industry practices from a consumer's perspective. Emphasizes understanding of personal nutrition and fitness in relation to wellness.

Attributes: Wellness Theory

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

NRSG 212 Navigating Health Care (1 cr)

- *Open to all majors.*

Emphasis on decision-making in wellness and health care. Includes advocacy for self and others. Consideration of values, financial aspects, effectiveness of choices in promoting wellness. Introduces health care providers and services.

Attributes: Wellness Theory

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

NRSG 213 Body, Mind, Spirit Wellness (1 cr)

- *Open to all majors.*

Emphasis on an integrated approach to personal wellness, including the body-mind-spirit relationships. Consideration is given to culture, gender, and socioeconomic perspectives and how treatment modalities and health procedures are applied to personal wellness.

Attributes: Wellness Theory

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

NRSG 220 The Language of Health Care (1 cr)

- *Open to all majors.*

The study of specialized language and terminology used by health care professionals. The study of roots, word elements, word formation, and analyses.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

NRSG 225 Introduction to Public Health (3 crs)

- *Wellness for one credit. Credit may not be earned in both ENPH 225 and NRSG 225.*

Examines population health and disease considering historical and current public health practice. Focus areas include cultural, political, environmental, and socioeconomic influences that increase population vulnerability and risk. Effectiveness of public health interventions is analyzed.

Attributes: Wellness Theory, Cultural Diversity 1 cr., GE V University Wide

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

NRSG 245 Pharmacology for Nursing Practice (3 crs)

Prerequisite: CHEM 150 with a grade of C or above or equivalent, or concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.

- *Distance education fee for students in Marshfield section.*

Introduces concepts of pharmacologic therapy for collaborative nursing practice. Selected medication categories are studied with emphasis on nursing responsibility, accountability, and safety.

Attributes: Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

NRSG 246 Nursing: Pharmacology in Nursing Practice I (1 cr)

Prerequisite: Limited to admitted Accelerated BSN students only.

Consent: Department Consent Required

- *Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.*

Introduces concepts of pharmacological therapy for collaborative nursing practice. Selected medication categories are studied with emphasis on nursing responsibility, accountability, and safety.

Attributes: Accelerated Nursing Program, Higher Cost Per Credit

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

NRSG 247 Nursing: Pharmacology in Nursing Practice II (1 cr)

Prerequisite: NRSG 246 with a C or above. Limited to admitted Accelerated BSN students only.

Consent: Department Consent Required

- *Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.*

Continues development of knowledge about pharmacological therapy for collaborative nursing practice. Selected medication categories are studied with emphasis on nursing responsibility, accountability, and safety.

Attributes: Accelerated Nursing Program, Higher Cost Per Credit

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

NRS 249 Normal and Therapeutic Nutrition in Nursing Practice (2 crs)

Prerequisite: CHEM 150 with a grade of C or above or equivalent or concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.

- Distance education fee for students in Marshfield section.

Examines role of human nutrition for population health promotion and as therapy for management of altered physiologic states. Addresses sociopolitical, cultural, spiritual, religious, and food quality and safety aspects of nutrition.

Attributes: Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

NRS 255 Interdisciplinary Studies in Health and Health Care (1-3 crs)

- No credit if taken after HNRS 105 with the same title.

Will vary depending upon the specific course being offered.

Attributes: GE V University Wide

Repeat: Course may be repeated for a maximum of 6 credits

NRS 257 Foundations of Professional Nursing Practice (4 crs)

Prerequisite: PSYC 230 with a grade of C or above or concurrent enrollment. MATH 245 or MATH 246 or PSYC 265 with a grade of C or above or concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.

- Distance education fee for students in Marshfield section.

Explores caring, holistic aspects of nursing along a historical timeline. Concepts include nursing process, communication, advocacy, licensure, scope of practice, ethics, research, theory, quality, safety, and evidence-based practice. Introduces interdisciplinary collaboration and documentation.

Attributes: Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

NRS 265 Women's Health Issues (3 crs)

- Credit may not be earned in both NRS 265 and WMNS 265. Open to all majors.

Explores a wide range of women's health issues within the context of developmental changes, environmental influences, normal health processes, wellness, and health concerns. Examines health promotion, cultural diversity, and social relations of gender related to women's health.

Attributes: Wellness Theory, Cultural Diversity 1 cr., GE V University Wide

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

NRS 267 Practicum: Foundational Skills for Nursing Practice (3 crs)

Prerequisite: BIOL 250 with a grade of C or above; BIOL 314 with a grade of C or above or equivalent; NRS 245 with a grade of C or above or concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.

- Distance education fee for students in Marshfield section.

Introduces nursing process, communication, and teamwork in the context of caring and advocacy. Includes skill development in health assessment and interventions including patient teaching, integrative therapies, and medication administration. Campus and clinical laboratory.

Attributes: Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

NRS 270 Scientific Concepts for Nursing (3 crs)

Consent: Instructor Consent Required

Focuses on application of various scientific concepts as they specifically relate to nursing practice. Content arranged to coordinate with body systems and functions.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

NRS 295 Directed Studies (1-3 crs)

Consent: Instructor Consent Required

Study of problems or special areas in or related to nursing.

Repeat: Course may be repeated for a maximum of 6 credits

NRS 297 Teaching Apprenticeship (1-3 crs)

Prerequisite: Student who has completed the prerequisites as well as the course in which the student will be an apprentice, with grades of B or above. Consent: Department Consent Required

Qualified students, selected and supervised by faculty, will facilitate teaching and learning in specific course(s). Apprentices enhance their knowledge of nursing and ability to communicate that knowledge to other students.

Repeat: Course may be repeated for a maximum of 6 credits

NRS 299 Independent Study (1-3 crs)

Prerequisite: Limited to nursing majors admitted to College of Nursing and Health Sciences. Minimum sophomore standing. Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

NRS 300 Travelers' Health (1 cr)

Encompasses pre-travel preparations to post-travel considerations for travel to developing and industrialized countries. Covers commonly encountered illnesses, prevention, and treatments. Empowers learners to be prepared, self-reliant, healthy, and globally-, culturally- and environmentally-aware travelers.

Attributes: Wellness Theory

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

NRS 303 Foundations of Professional Nursing and Nursing Practice (7 crs)

Prerequisite: Limited to students admitted to the Accelerated BSN program.

Consent: Department Consent Required

- *Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.*

Introduces and applies concepts of caring, advocacy, therapeutic communication, clinical decision-making, health history, physical assessment, group process, documentation, and teaching/learning from a nursing perspective.

Attributes: Accelerated Nursing Program, Higher Cost Per Credit

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

Lab/Studio Hours: 3

NRS 304 Wound Care Associate (1 cr)

Prerequisite: Limited to BSN majors. (Prerequisite not applicable for RNs from the community.)

Consent: Department Consent Required

- *Registration restricted to Registered Nurses and BSN students. Must be simultaneously registered for the Wound Care Associate course with UW-Eau Claire Continuing Education. No credit toward BSN degree at UW-Eau Claire.*

Introduction to basic principles of skin injury prevention, wound assessment, and wound care. Focuses on collaborative care for patients with acute and chronic wounds. Didactic and clinical skill components.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

NRS 317 Practicum: Advanced Skills for Nursing Practice (4 crs)

Prerequisite: NRS 267 with a grade of C or above. Limited to nursing students admitted to College of Nursing and Health Sciences.

- *Distance education fee for students in Marshfield section.*

Focuses on developing advanced nursing skills within the context of holistic practice. Emphasizes underlying theory. Practicum incorporates clinical reasoning, ethical practice, and implementation of advanced skills with an adult population. Campus and clinical laboratory.

Attributes: Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

NRS 325 Human Concepts and Responses to Health and Health Deviations I (5 crs)

Prerequisite: Limited to students admitted to the Accelerated BSN program.

Consent: Department Consent Required

- *Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.*

Clinical decision-making related to care of adult health and health deviations. Focuses on selected nursing skills. Emerging and conventional independent and interdependent health enhancing interventions examined.

Attributes: Accelerated Nursing Program, Higher Cost Per Credit

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

NRS 327 Nursing Leadership and Systems I (3 crs)

Prerequisite: NRS 257 with a grade of C or above. Limited to nursing majors admitted to College of Nursing and Health Sciences.

- *Distance education fee for students in Marshfield section.*

Examines national healthcare systems and models of care, healthcare financing and regulation, collaboration, conflict management, leadership, delegation, and organizational cultures, models and theories.

Attributes: Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

NRS 333 Wellness in the Work World (3 crs)

Emphasis is on wellness in the work environment. Theories, research, and outcomes of wellness in the work environment are explored and students participate in an experiential wellness plan within an identified work environment.

Attributes: Wellness Theory, GE V University Wide, Service-Learning, Half 15 Hours

Lecture/Discussion Hours: 2

Lab/Studio Hours: 1

NRS 337 Nursing Care of Adults and Older Adults I (3 crs)

Prerequisite: NRS 317 with a grade of C or above or concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.

- *Distance education fee for students in Marshfield section.*

Focuses on nursing care of adults/older adults with application of evidence-based practice and nursing process for select acute and chronic conditions.

Attributes: Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

NRS 340 Introduction to Professional Nursing (2 crs)

Prerequisite: Limited to students admitted to the Accelerated BSN program.

Consent: Department Consent Required

- *Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.*

Introduction to the professional discipline of nursing, including nursing's historical evolution. Ethical decision-making and standards of care and practice are emphasized. Nursing, theory, research, and evidence-based practice are introduced.

Attributes: Accelerated Nursing Program, Higher Cost Per Credit

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

NRS 347 Psychiatric and Mental Health Nursing (2 crs)

Prerequisite: NRS 337 concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.

- *Distance education fee for students in Marshfield section.*

Introduces basic concepts of psychiatric mental health nursing. Focus is on theory- and evidence-based mental health promotion for at-risk populations and nursing care of people diagnosed with mental illnesses.

Attributes: Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

NRS 357 Nursing Care of Adults and Older Adults II (4 crs)

Prerequisite: NRS 347 with a grade of C or above. Limited to nursing majors admitted to College of Nursing and Health Sciences.

- *Distance education fee for students in Marshfield section.*

Continued examination of nursing care of adults and older adults with application of evidence-based practice and nursing process for select acute and chronic conditions.

Attributes: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

NRS 359 Practicum: Nursing Care of Adults and Older Adults (2 crs)

Prerequisite: NRS 357 concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.

Focuses on use of the nursing process to give holistic theory- and evidence-based care to acutely ill adult and older adult patients and their families. Emphasizes therapeutic communication, intraprofessional collaboration, and clinical reasoning. Clinical laboratory.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 2

NRS 360 Death and Bereavement (3 crs)

Prerequisite: SOC 101 or PSYC 100 or consent of instructor. Minimum sophomore standing.

- *Credit may not be earned in both SW 360/SW 560 and NRS 360/NRS 560. No credit if taken after SOC 318, PSYC 339 or SW 350.*

Through the study of current theory and research, this interdisciplinary course is designed to facilitate student understanding of death and bereavement from a lifespan, family, and cultural perspective.

Attributes: Wellness Theory, GE V University Wide, Undergraduate/Graduate Offering, Field Trip(s) Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

NRS 367 Community and Public Health Nursing (3 crs)

Prerequisite: NRS 327 with a grade of C or above; NRS 357 concurrent.

Limited to nursing majors admitted to College of Nursing and Health Sciences.

- *Distance education fee for students in Marshfield section.*

Expands on population-focused and public health nursing practice with populations at risk and local and global communities as a whole. Key concepts include epidemiology, health promotion, disease prevention, risk reduction, harm reduction, and evidence-based practice.

Attributes: Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

NRS 375 Pharmacotherapeutics and Pathophysiology for Allied Health Professionals (3 crs)

Prerequisite: KINS 304 and KINS 308 or BIOL 214 and BIOL 314.

- *No credit toward nursing major.*

This course provides a basic understanding of disease processes and basic pharmacology for allied health professionals. Common medical and non-medical management will be introduced from a consumer perspective. Collaboration with the client and other health care professionals in optimizing the client's health will be integrated throughout the course.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

NRS 376 Nursing Care of Women, Infants, and Families (3 crs)

Prerequisite: NRS 367 concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.

- *Distance education fee for students in Marshfield section.*

Examines evidence-based nursing care with individuals and families experiencing pregnancy, birth, and care of the newborn. Examines human responses from theoretical and cultural perspectives. Health promotion and illness prevention are emphasized.

Attributes: Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

NRSG 377 International Dimensions of Health Care (3 crs)

Prerequisite: NRSG 212

- *Open to all majors.*

Explores health care delivery systems in selected foreign countries as compared to the United States. Examines the cultural, social, political, economic, and environmental factors influencing the development of these systems. May involve international immersion.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

NRSG 385 Men's Health Issues (3 crs)

- *Open to all majors.*

Explores historical, societal, and cultural influences on the prevalent constructions of masculinity and men's health. Examines health promotion, and disease prevention for the male health consumer.

Attributes: Wellness Theory, GE V University Wide, LE-I1 Integration, LE-K2 Social Sciences

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

NRSG 389 Cross Cultural Health (3 crs)

Prerequisite: GEOG 111 or SOC 101 or ANTH 161 or consent of instructor. Open to all majors.

Enhances insight and understanding of the impact of culture on health, illness, and wellness within the Black/African American, Hispanic/Latino, Asian/Hmong, and Native American cultures. Analyze and synthesize information to develop culturally congruent health care.

Attributes: Cultural Diversity 3 cr., LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

NRSG 395 Directed Studies (1-3 crs)

Prerequisite: Limited to nursing majors admitted to College of Nursing and Health Sciences.

Consent: Department Consent Required

Study of problems or special areas in or related to nursing.

Repeat: Course may be repeated

NRSG 397 Teaching Apprenticeship (1-2 crs)

Prerequisite: Student who has completed the prerequisites as well as the course in which the student will be an apprentice, with grades of B or above.

Consent: Department Consent Required

- *Student who has completed the prerequisites as well as the course in which the student will be an apprentice, with grades of B or above.*

Qualified students, selected and supervised by faculty, will facilitate teaching and learning in specific course(s). Apprentices enhance their knowledge of nursing and ability to communicate that knowledge to other students.

Repeat: Course may be repeated for a maximum of 4 credits

NRSG 399 Independent Study (1-3 crs)

Prerequisite: Limited to nursing majors admitted to College of Nursing and Health Sciences. Minimum junior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

NRSG 416 Health Care Systems as Context for Professional Practice I (2 crs)

Prerequisite: NRSG 303, NRSG 325, and NRSG 340 all with a grade of C or above.

Limited to students admitted to the Accelerated BSN program.

Consent: Department Consent Required

- *Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.*

The health care system as context for professional nursing practice is emphasized. Leadership, followership, organizational structures, group dynamics, team membership, and delegation are explored. Focus on research appraisal as foundation for evidence-based practice.

Attributes: Accelerated Nursing Program, Higher Cost Per Credit

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

NRSG 417 Health Care Systems as Context for Professional Practice II (4 crs)

Prerequisite: NRSG 416 with a grade of C or above. Limited to students admitted to the Accelerated BSN program.

Consent: Department Consent Required

- *Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.*

Examines the impact of economic, political, and societal forces, and diversity on health care systems and professional practice. Management functions and skills in inter-collegial communication are emphasized. Nursing informatics is introduced. Explores self as professional.

Attributes: Accelerated Nursing Program, Higher Cost Per Credit

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

NRSG 424 Nursing Leadership and Systems II (3 crs)

Prerequisite: NRSG 367 with a grade of C or above. Limited to nursing majors admitted to College of Nursing and Health Sciences.

- *Distance education fee for students in Marshfield section.*

Examines role of nursing professional in influencing and developing policy within systems at the unit, local, state, national, and global levels. Key concepts include change, power, management, managerial ethics, quality improvement, safety, informatics, and technology.

Attributes: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

NRSG 425 Nursing Care of Children, Adolescents, Expanding Families, Families, and Communities (7 crs)

Prerequisite: NRSG 303, NRSG 325, and NRSG 340 all with a grade of C or above. Limited to students admitted to the Accelerated BSN program.

Consent: Department Consent Required

- *Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.*

Course emphasizes principles of health promotion, illness prevention, and epidemiology in relation to care of children, adolescents, expanding families, families, and communities. Selected political, legal, economic, cultural, spiritual, and biopsychosocial issues are examined.

Attributes: Accelerated Nursing Program, Higher Cost Per Credit

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 7

Lab/Studio Hours: 0

NRSG 426 Contemporary Issues in Critical Care (3 crs)

Prerequisite: NRSG 359 with a grade of C or above or consent of instructor.

- *Distance education fee for students in Marshfield section.*

The complexity and impact of critical illness/injury on patients, families, and nurses are examined. Selected pathophysiologic, care priority, and multidisciplinary considerations are analyzed within the context of the health care delivery system. Observational clinical may be included.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required Varies by Term/Section

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

NRSG 427 Nursing Practice: Children, Adolescents, Expanding Families, Families, and Communities (2 crs)

Prerequisite: NRSG 303, NRSG 325, and NRSG 340 all with a grade of C or above. Limited to students admitted to the Accelerated BSN program.

Consent: Department Consent Required

- *Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.*

Focuses on nursing clinical decision-making process and application of knowledge of health promotion and illness prevention while caring for children, adolescents, expanding families, families, and communities.

Attributes: Accelerated Nursing Program, Higher Cost Per Credit

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 2

NRSG 428 Practicum: Nursing Leadership I (3 crs)

Prerequisite: NRSG 424 concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.

- *Field trips may be required.*

Applies quality and safety concepts; advocates for elimination of health disparities; and demonstrates leadership, team building, and collaborative strategies to promote and maintain health at the systems level. Clinical laboratory in community settings.

Attributes: LE-11 Integration, LE-S3 Creativity, Service-Learning, Full 30 Hours

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 3

NRSG 429 Nursing: Human Concepts and Responses to Health and Health Deviations II (6 crs)

Prerequisite: NRSG 303, NRSG 325, and NRSG 340 all with a grade of C or above. Limited to students admitted to the Accelerated BSN program.

Consent: Department Consent Required

- *Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.*

Evidence-based clinical decision-making related to holistic care of adult clients within the context of families and communities. Health patterning concepts, pathophysiology, pharmacotherapeutics, and nutrition are emphasized in the context of professional nursing care.

Attributes: Accelerated Nursing Program, Higher Cost Per Credit

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 6

Lab/Studio Hours: 0

NRS 431 Nursing Practice: Human Concepts and Responses to Health and Health Deviations II (3 crs)

Prerequisite: NRS 303, NRS 325, and NRS 340 all with a grade of C or above. Limited to students admitted to the Accelerated BSN program.

Consent: Department Consent Required

- *Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.*

Focus on clinical decision-making and application of theory and research. Emphasis on holistic professional nursing care of acutely ill adults within the context of families and community. Clinical laboratory.

Attributes: Accelerated Nursing Program, Higher Cost Per Credit

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 3

NRS 437 Nursing Care of Families, Newborns, Children, and Adolescents with Health Deviations (2 crs)

Prerequisite: NRS 425 and NRS 427 both with a grade of C or above. Limited to students admitted to the Accelerated BSN program.

Consent: Department Consent Required

- *Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.*

Focuses on relationships between nursing practice and issues surrounding families and children experiencing complex or high-risk health deviations. Theory of community needs assessment and related interventions are included.

Attributes: Accelerated Nursing Program, Higher Cost Per Credit

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

NRS 439 Nursing Practice: Families, Newborns, Children, and Adolescents with Health Deviations (2 crs)

Prerequisite: NRS 425 and NRS 427 both with a grade of C or above. Limited to students admitted to the Accelerated BSN program.

Consent: Department Consent Required

- *Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.*

Develop clinical competence in the care of families, high-risk newborns, children and adolescents experiencing a complex or high-risk health deviation. Integrate community needs assessment and related interventions into plans for a community.

Attributes: Accelerated Nursing Program, Higher Cost Per Credit

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 2

NRS 445 Nursing and Nursing Practice: Responses to Chronic Illness, Disability, and End of Life Transitions (6 crs)

Prerequisite: NRS 417 with a grade of C or above. Limited to students admitted to the Accelerated BSN program.

Consent: Department Consent Required

- *Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.*

Analysis, evaluation, and synthesis of theory, research, and clinical decision-making. Nursing care of adults with chronic health deviations, disability, and end-of-life transitions. Attention to holistic, evidence-based, culturally sensitive care with family as context.

Attributes: Accelerated Nursing Program, Higher Cost Per Credit

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

Lab/Studio Hours: 2

NRS 446 Nursing Care of Children and Families (4 crs)

Prerequisite: NRS 367, NRS 376 both with a grade of C or above. Limited to nursing majors admitted to College of Nursing and Health Sciences.

- *Distance education fee for students in Marshfield section.*

Examines evidence-based nursing practice with children and families experiencing acute and chronic illness. Key concepts include growth and development, health promotion, safety, quality, family-centered care, physiological, psychological, and socioeconomic factors, diversity, and ethical dilemmas.

Attributes: Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

NRS 447 Practicum: Nursing Care of Individuals, Infants, Children, and Families (2 crs)

Prerequisite: NRS 446 concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.

- *Field trips may be required.*

This clinical course focuses on professional nursing practice in caring for individuals, infants, children, and families. Application of evidence-based practice and the nursing process will be applied using health promotion, acute, and/or chronic illness situations.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 2

NRS 448 Comparative Study in Nursing and Health Care (3-4 crs)

Prerequisite: NRS 327 with a grade of C or above or consent of instructor. Limited to nursing majors admitted to College of Nursing and Health Sciences.

Consent: Instructor Consent Required

A study of human beings, their health problems, and the roles of providers and consumers in the health care system of another country.

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

NRSG 450 Health Care in Rural Areas (3 crs)

Prerequisite: Minimum senior standing.

Consent: Instructor Consent Required

- *Open to all majors in COEHS and CONHS, in professional program, or consent of instructor.*

Introduction to the professional and personal opportunities inherent in rural health care practice. Clinical laboratory.

Attributes: Service-Learning, Full 30 Hours

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

NRSG 454 NCLEX Review Course (2 crs)

Consent: Instructor Consent Required

- *Distance education fee for students in Marshfield section.*

Course assists students to complete comprehensive review of key domains of nursing and nursing practice content. Includes nursing content, test-taking strategies, test question practice, and application of test-taking anxiety reduction strategies.

Attributes: Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

NRSG 455 Advanced Interdisciplinary Studies in Health and Health Care (1-3 crs)

Prerequisite: Minimum junior standing.

- *No credit if taken after the same course with the same topic/title.*

Will vary depending upon the specific course being offered.

Attributes: GE V University Wide

Repeat: Course may be repeated for a maximum of 6 credits

NRSG 457 Nursing Care of Chronically Ill Patients and Their Families (3 crs)

Prerequisite: NRSG 446 with a grade of C or above. Limited to nursing majors admitted to College of Nursing and Health Sciences.

- *Distance education fee for students in Marshfield section.*

Focuses on holistic nursing care of patients and families experiencing chronic conditions. Key concepts include healthy adaptation to chronic illness, self-management, disability, frailty, loss and grief, end-of-life care, family caregiving, and evidence-based practice.

Attributes: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

NRSG 458 Contemporary Issues in Professional Nursing (2 crs)

Prerequisite: NRSG 417 with a grade of C or above. Limited to students admitted to the Accelerated BSN program.

Consent: Department Consent Required

- *Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.*

Contemporary issues in professional nursing are examined using critical thinking and focusing on professional role development. Health care needs in a global society and interactions within complex, collaborative health care systems are emphasized.

Attributes: Capstone Course, Field Trip(s) Required, Accelerated Nursing Program, Higher Cost Per Credit

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

NRSG 460 Transition to Professional Nursing Practice (8 crs)

Prerequisite: NRSG 417 with a grade of C or above. Limited to students admitted to the Accelerated BSN program.

Consent: Department Consent Required

- *Students in the accelerated nursing program are assessed a higher cost per credit than those enrolling in traditional BSN courses. For specific course fees, please refer to the course schedule.*

Clinical decision-making, leadership and research utilization are integrated with management of multiple patients requiring complex care. Discussion and reflection focus on collaborative relationships within health care systems. Transition to professional nursing practice is emphasized.

Attributes: Capstone Course, Accelerated Nursing Program, Higher Cost Per Credit

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

Lab/Studio Hours: 4

NRSG 467 Seminar: Innovative Solutions to Complex Healthcare Problems (2 crs)

Prerequisite: NRSG 424, NRSG 428 both with a grade of C or above; NRSG 477 concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.

- *Distance education fee for students in Marshfield section.*

Focuses on designing effective systems approaches to meet needs of diverse populations with complex healthcare problems and ethical issues. Emphasizes critical and creative thinking, clinical reasoning, problem solving, collaboration, leadership, and ethical practice. Seminar.

Attributes: Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lab/Studio Hours: 0

Seminar Hours: 2

NRSG 477 Practicum: Nursing Leadership II (4 crs)

Prerequisite: NRSG 424 with a grade of C or above. Limited to nursing majors admitted to College of Nursing and Health Sciences.

Focuses on achieving beginning competence in professional nursing practice. Integrates liberal education, leadership, scholarship, and professionalism with clinical reasoning, caseload management, organizational quality improvement, and reflective practice. Clinical laboratory in acute settings.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 4

NRSG 487 Transition to Professional Nursing Practice (3 crs)

Prerequisite: NRSG 477 concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.

- *Distance education fee for students in Marshfield section.*

Addresses issues and strategies to launch and maintain a successful professional nursing career.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

NRSG 495 Directed Studies (1-3 crs)

Prerequisite: Limited to nursing majors admitted to College of Nursing and Health Sciences.

Consent: Department Consent Required

Study of problems or special areas in or related to nursing.

Repeat: Course may be repeated

NRSG 497 Teaching Apprenticeship (1-3 crs)

Prerequisite: Student who has completed the prerequisites as well as the course in which the student will be an apprentice, with grades of B or above.
Consent: Department Consent Required

Qualified students, selected and supervised by faculty, will facilitate teaching and learning in specific course(s). Apprentices enhance their knowledge of nursing and ability to communicate that knowledge to other students.

Repeat: Course may be repeated for a maximum of 6 credits

NRSG 499 Independent Study (1-3 crs)

Prerequisite: Limited to nursing majors admitted to College of Nursing and Health Sciences. Minimum senior standing.
Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

NRSG 560 Death and Bereavement (3 crs)

Prerequisite: SOC 101 or PSYC 100 or consent of instructor.

- *Cross-listed with NRSG 360 and SW 360/SW 560. Credit may only be earned in one of these courses. No credit if taken after SOC 318, PSYC 339 or SW 350.*

Through the study of current theory and research, this interdisciplinary course is designed to facilitate student understanding of death and bereavement from a lifespan, family, and cultural perspective.

Attributes: Field Trip(s) Required
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

NRSG 589 Cross Cultural Health (3 crs)

Prerequisite: GEOG 111 or SOC 101 or ANTH 161 or consent of instructor.

- *Cross-listed with NRSG 389. Credit may not be earned in both courses.*

Enhances insight and understanding of the impact of culture on health, illness, and wellness within the Black/African American, Hispanic/Latino, Asian/Hmong, and Native American cultures. Analyze and synthesize information to develop culturally congruent health care.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

NRSG 626 Contemporary Issues in Critical Care (3 crs)

Consent: Instructor Consent Required

- *Distance education fee for students in Marshfield section. Cross-listed with NRSG 426. Credit may not be earned in both courses.*

The complexity and impact of critical illness/injury on patients, families, and nurses are examined. Selected pathophysiologic, care priority, and multidisciplinary considerations are analyzed within the context of the health care delivery system. Observational clinical may be included.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

NRSG 701 Nursing Research: Methods (4 crs)

Prerequisite: Limited to graduate students in the MSN or DNP programs.

- *Distance education fee for Marshfield students.*

Philosophies of science, research methodologies, and qualitative and quantitative data analyses are examined. Legal and ethical issues applicable to nursing research are discussed.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

NRSNG 702 Nursing Research: Application (2 crs)

Prerequisite: NRSNG 701. Limited to graduate students in the MSN or DNP programs.

Nursing research studies critically examined. Collective findings appraised as foundation for evidence-based practice. Sources and methods of research funding are discussed.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

NRSNG 703 Advanced Clinical Concepts for Nurse Educators (3 crs)

Prerequisite: NRSNG 709. Limited to graduate students in the MSN program.

Examination of key concepts of epidemiology, pharmacology, and physical assessment at the advanced professional nursing level for MSN students seeking the Nursing Education role preparation.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

NRSNG 704 Advanced Health Assessment: Adults and Older Adults (2 crs)

Prerequisite: NRSNG 709 or consent of instructor. Limited to graduate students in the MSN or DNP programs.

Focuses on the development of advanced clinical practice assessment skills. Builds upon basic physical assessment and documentation skills in the management of adults and older adults. Lab included.

Attributes: Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1.5

Lab/Studio Hours: .5

NRSNG 705 Cultural Immersion Seminar: International Health (2 crs)

Prerequisite: Limited to graduate students in the MSN or DNP programs.
Consent: Department Consent Required

Immersion in language, cultural values, social etiquette, interpersonal and family patterns, teacher-student interaction, and daily life in a country of choice, as preparation for study, clinical experiences, or web-based interaction in another country.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

NRSNG 708 Advanced Health Assessment: Family (2 crs)

Prerequisite: NRSNG 709 or consent of instructor. Limited to graduate students in the MSN or DNP programs.

Focuses on the development of advanced clinical practice assessment skills. Builds upon basic physical assessment and documentation skills in the management of individuals across the life span. Lab included.

Attributes: Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1.5

Lab/Studio Hours: .5

NRSNG 709 Advanced Physiological and Pathophysiological Concepts (3 crs)

Prerequisite: Limited to graduate students in the MSN or DNP programs.

- Undergraduate coursework in anatomy, physiology, biochemistry, and pathophysiology, or consent of instructor.

In-depth study of selected physiological and pathophysiological concepts. Emphasis on human physiology and pathophysiology and current research findings.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

NRSNG 712 Pharmacotherapeutics for Advanced Clinical Practice (3 crs)

Prerequisite: NRSNG 709 or consent of instructor. Limited to graduate students in the MSN or DNP programs.

Emphasis is on scientific and theoretical knowledge as the basis for diagnosing and treating common health conditions, emphasizing pharmacotherapeutic interventions and decision-making for advanced clinical practice. Developmental factors affecting pharmacotherapeutics are included.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

NRSNG 714 Scholarly Writing in Nursing (2 crs)

Prerequisite: Limited to graduate students in the MSN or DNP programs.

Application of writing principles to explore nursing content at the graduate level. Focus includes summarizing professional literature, with emphasis on synthesis. Paper organization, grammar, and APA format. Examines process of writing for publication.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

NRSRG 715 Leadership and Health Policy in Nursing (3 crs)

Prerequisite: Limited to graduate students in the MSN or DNP programs.

- *Distance education fee for Marshfield students.*

Leadership application for the graduate-prepared nurse with an analysis of external and internal influences. Examination of health policy, personal and professional transitions, and evolving advanced nursing roles.

Attributes: Special Course Fee Required Varies by Term/Section

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

NRSRG 718 Conceptual and Theoretical Foundations of Nursing (2 crs)

Prerequisite: Limited to graduate students in the MSN or DNP programs.

The basic philosophies, concepts and theories, and ethical decision-making frameworks underlying the development of the discipline of nursing are examined. Emphasis is focused on the development of nursing knowledge.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

NRSRG 719 Human Responses in Health and Illness: Adults and Older Adults (4 crs)

Prerequisite: Limited to graduate students in the MSN or DNP programs.

- *Credit may not be earned in both NRSRG 719 and NRSRG 722.*

A theory- and research-based approach to selected human responses in health and illness in adults and older adults within seven human response systems (spiritual, cultural, social, family, cognitive, emotional, and physical).

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

NRSRG 720 Advanced Theory and Practice of Adults and Older Adults I (4 crs)

Prerequisite: NRSRG 701 and NRSRG 719. Limited to graduate students in the MSN or DNP programs.

Clinical decision-making with adults and older adults within the context of nursing, adult, older adult, developmental, and related theories.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

NRSRG 722 Individual, Family, and Community Responses (4 crs)

Prerequisite: Limited to graduate students in the MSN or DNP programs.

- *Credit may not be earned in both NRSRG 722 and NRSRG 719.*

A theory-based approach to selected theories/concepts of individual, family, and community responses in health and illness.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

NRSRG 725 Advanced Theory and Practice of Family Health Nursing I (4 crs)

Prerequisite: NRSRG 701 and NRSRG 722. Limited to graduate students in the MSN or DNP programs.

Theory and evidence-based clinical decision-making with children, adults and families (as unit). This course integrates ethics, cultural influences, and social awareness in providing holistic care to families.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

NRSRG 729 Spirituality, Healing, and Caring (3 crs)

Prerequisite: Limited to graduate students in the MSN or DNP programs.

A theory-based advanced exploration of three major phenomena: spirituality, healing, and caring; emerging as decisive in quality of life, and health and illness situations.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

NRSRG 730 Nursing Education I (6 crs)

Prerequisite: NRSRG 702, NRSRG 703, NRSRG 715; NRSRG 720 or NRSRG 725; or consent of instructor. Limited to graduate students in the MSN or DNP programs.

Examination of education, the educator role, and teaching/learning theory. Curriculum development and education issues explored, considering personal values, research, and societal and healthcare trends.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 3

NRSRG 731 Nursing Education II (7 crs)

Prerequisite: NRSRG 730. Limited to graduate students in the MSN or DNP programs.

Role of nurse educator as a learning facilitator, evaluator, and faculty member is examined. Research, theoretical foundations, and strategies are explored with application to class and clinical teaching.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 4

NRSRG 741 Clinical Nurse Specialist I: Adult and Older Adult Health (7 crs)

Prerequisite: NRSRG 704, NRSRG 712, NRSRG 720; NRSRG 803 or concurrent enrollment; or consent of instructor. Limited to graduate students in the DNP program.

First clinical role course for students in advanced clinical practice preparing to become clinical nurse specialists. Exploration, analysis, and implementation of CNS role components with adults and older adults.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 3

NRS 742 Advanced Clinical Practice for Adults and Older Adults I (7 crs)

Prerequisite: NRS 704, NRS 712, NRS 720; NRS 803 or concurrent enrollment; or consent of instructor. Limited to graduate students in the DNP program.

- *Credit may not be earned in both NRS 742 and NRS 744.*

Advanced nursing clinical decision-making including health promotion, maintenance, and prevention for adults and older adults. Interventions focus on developmental life changes, cultural and environmental stressors, and health patterns. Practicum experience in primary care is emphasized.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 3

NRS 744 Family Health: Advanced Clinical Practice I (7 crs)

Prerequisite: NRS 708, NRS 712, and NRS 725; NRS 803 or concurrent enrollment; or consent of instructor. Limited to graduate students in the DNP program.

- *Credit may not be earned in both NRS 742 and NRS 744.*

Advanced nursing clinical decision-making including health promotion, maintenance, and prevention for individuals and families. Interventions focus on developmental life changes, cultural and environmental stressors, and health patterns. Practicum experience occurs in primary care settings.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 3

NRS 746 Advanced Clinical Practice for Adults and Older Adults II (7 crs)

Prerequisite: NRS 702, and NRS 741 or NRS 742; or consent of instructor. Limited to graduate students in the MSN or DNP programs.

- *Credit may not be earned in both NRS 746 and NRS 748.*

Focuses on advanced clinical decision-making with emphasis on acute and chronic health deviations in adults, older adults, and communities. Clinical decision-making expands to facilitate advanced clinical practice nursing and collaborative practice in a variety of settings.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 3

NRS 748 Family Health: Advanced Clinical Practice II (7 crs)

Prerequisite: NRS 702 and NRS 744. Limited to graduate students in the MSN or DNP programs.

- *Credit may not be earned in both NRS 746 and NRS 748.*

Focuses on advanced clinical decision-making with emphasis on acute and chronic health deviations in individuals, families, and communities. Clinical decision-making expands to facilitate advanced clinical practice nursing and collaborative practice in a variety of settings.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 4
Lab/Studio Hours: 3

NRS 750 Nursing Administration I (6 crs)

Prerequisite: NRS 702, NRS 715; NRS 720 or NRS 725; NRS 803 or concurrent enrollment; or consent of instructor. Limited to graduate students in the MSN or DNP programs.

Exploration of administration and managerial theories and the nurse administrator role functions as applied to the organization and delivery of nursing care services.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 3

NRS 751 Nursing Administration II (5-7 crs)

Prerequisite: NRS 750. Limited to graduate students in the MSN or DNP programs.

Application of administration and managerial principles and methods in selected nursing organizational settings and in the delivery of nursing care services.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2-3
Lab/Studio Hours: 3-4

NRS 793 Directed Study in Nursing (1-3 crs)

Prerequisite: Limited to graduate students in the MSN or DNP programs.
Consent: Instructor Consent Required

Investigation of a small-scale problem under faculty direction.

Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option

NRS 794 Scholarly Project (1-2 crs)

Prerequisite: NRS 701, NRS 702; and NRS 720 or NRS 725. Limited to graduate students in the MSN program.
Consent: Instructor Consent Required

- *Permission of scholarly project adviser.*

Selection and implementation of an aspect of the scholarship/research process with guidance from a nursing graduate faculty adviser. Project culminates in a product and an oral presentation.

Repeat: Course may be repeated for a maximum of 2 credits
Grading Basis: S/U/PR Only Grade Basis

NRS 797 Independent Study (1-3 crs)

Prerequisite: Limited to graduate students in the MSN or DNP programs.
Consent: Department Consent Required

Individual research under faculty direction.

Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No S/U Grade Option

NRSNG 798 Graduation Only (1 cr)

Prerequisite: Limited to graduate students in the MSN program.

Repeat: Course may be repeated

Grading Basis: PR Only Grade Basis

NRSNG 799 Thesis (1-3 crs)

Prerequisite: NRSNG 701, NRSNG 702; NRSNG 720 or NRSNG 725. Limited to graduate students in the MSN program.

Consent: Instructor Consent Required

- Full-time equivalent. Permission of thesis adviser.

Development and completion of research project using formal investigative methodology.

Repeat: Course may be repeated

Grading Basis: PR Only Grade Basis

NRSNG 800 Advanced Nursing Practice and Informatics (2 crs)

Prerequisite: NRSNG 803. Limited to Doctor of Nursing Practice (DNP) students.

- Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Application of computer and information technologies to support and improve patient care and health care systems. Identification of information processing challenges and evaluation of informatics solutions.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

NRSNG 801 Philosophical, Theoretical, and Ethical Foundations for Advanced Nursing Practice (4 crs)

Prerequisite: Graduate-level nursing theory course; graduate equivalent ethics content; or consent of instructor. Limited to graduate students in the Doctor of Nursing Practice (DNP) program.

- Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Inquiry into the philosophical and theoretical perspectives/foundations of the discipline. Paradigms and strategies for theory development in advanced practice nursing are examined. Advanced nursing practice will be studied in the context of complex clinical, business, legal, ethical, and system issues that confront individual recipients of care, families, health care professionals, organizations, and society.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

NRSNG 803 Advanced Epidemiology and Biostatistics for Population Health (4 crs)

Prerequisite: NRSNG 801. Limited to graduate students in the Doctor of Nursing Practice (DNP) program. NRSNG 720 or NRSNG 725 in addition to the aforementioned courses for students in the BSN to DNP program.

- Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Epidemiological research and concepts are synthesized and applied to clinical and population-based health to best identify and analyze the determinants of health, health promotion and risk reduction strategies, and to evaluate the distribution of health conditions. Epidemiological, biostatistical, and other scientific approaches are used to analyze population data to better understand determinants of health and illness.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

NRSNG 805 Clinical Scholarship for Advanced Nursing Practice (4 crs)

Prerequisite: NRSNG 800. Limited to graduate students in the Doctor of Nursing Practice (DNP) program. For BSN to DNP students NRSNG 702 is also required.

- Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Course focuses on the elements of advanced clinical scholarship. Content will include evidence-based practice processes, the translation of research into practice, the evaluation of practice, activities aimed at improving health care practice and outcomes, and participation in collaborative research. Principles of information technology will be integrated and applied to advance nursing practice.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

NRSNG 809 Organizational Leadership and Health Policy for Advanced Nursing Practice (4 crs)

Prerequisite: NRSNG 805. NRSNG 746, NRSNG 748, or NRSNG 751 in addition to NRSNG 805, for BSN to DNP students. Limited to graduate students in the Doctor of Nursing Practice (DNP) program.

- Graduate equivalent of health policy content. Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Course will focus on the systematic collection of information about the activities, characteristics, and outcomes of programs to improve health care and inform future programmatic decisions. Emphasis is placed on the strategies used in needs assessment and implementation of effective health care interventions, programs, and policies. This course prepares the advanced nursing professional to respond to current realities and provide enhanced leadership for future policy development and professional practice.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

NRS 820 BSN to DNP Seminar & Practicum I (3 crs)

Prerequisite: NRS 809. Limited to graduate students in the BSN to DNP program.

- Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Lab Hours: 1 Focuses on inter-professional teams and the role of advanced nursing within this collaboration. Addresses critical analysis of emerging clinical patterns and comprehensive health and illness parameters. Includes application of culturally-sensitive, evidence-based practice approaches within healthcare.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Seminar Hours: 2

NRS 821 MSN to DNP Seminar & Practicum I (4 crs)

Prerequisite: NRS 809; Limited to graduate students in the MSN to DNP program.

- Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Focuses on inter-professional teams and the role of advanced nursing within this collaboration. Addresses critical analysis of emerging clinical patterns and comprehensive health and illness parameters. In-depth application of culturally-sensitive, evidence-based practice approaches within healthcare.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

NRS 822 MSN to DNP Seminar & Practicum II (3 crs)

Prerequisite: NRS 821. Limited to graduate students in the MSN to DNP program.

- Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Refine leadership skills to improve healthcare outcomes in the inter-professional healthcare environment. Design and analyze strategies to promote evidence-based practice, quality outcomes, and health policy. Synthesize knowledge and experiences as a DNP-prepared nurse expert.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 1

NRS 823 BSN to DNP Seminar II (2 crs)

Prerequisite: NRS 820. Limited to graduate students in the BSN to DNP program.

- Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Emphasis on role transition to advanced professional nursing roles within a complex healthcare environment. Identify leadership skills to improve healthcare outcomes. Synthesize knowledge and experiences as a future DNP nurse.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

NRS 842 Advanced Clinical Practice of Frail Older Adults (3 crs)

Prerequisite: NRS 746. Limited to graduate students in the Doctor of Nursing Practice (DNP) program.

- Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Third in a series of advanced clinical decision-making courses. Course focuses on care management of frail older adults. Practicum experience with frail older adults across the continuum of care is emphasized.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

NRS 844 Advanced Clinical Practice of Families within Vulnerable Populations (3 crs)

Prerequisite: NRS 748. Limited to graduate students in the Doctor of Nursing Practice (DNP) program.

- Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.

Third in a series of advanced clinical decision-making courses. Care management focuses on care of individuals and families within vulnerable populations across the lifespan. Practicum experience includes vulnerable populations across the continuum of care.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

NRSG 846 Synthesis of Advanced Practice of Adults and Older Adults (3 crs)

Prerequisite: NRSG 842 or consent of instructor. Limited to graduate students in the Doctor of Nursing Practice (DNP) program.

- *Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.*

This final clinical practicum provides an opportunity for students to demonstrate a synthesis of their Adult-Gerontologic clinical competencies in preparation for their future practice as Adult-Gerontologic Advanced Practice Nurses.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

NRSG 848 Synthesis of Advanced Practice Family (3 crs)

Prerequisite: NRSG 844 or consent of instructor. Limited to graduate students in the Doctor of Nursing Practice (DNP) program.

- *Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.*

This final clinical practicum provides an opportunity for students to demonstrate a synthesis of their Family clinical competencies in preparation for their future practice as Family Nurse Practitioners.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

NRSG 850 Nursing Administration III (3 crs)

Prerequisite: NRSG 751. Limited to graduate students in the Doctor of Nursing Practice (DNP) program.

- *Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.*

Course focuses on the development of more complex organizational leadership and management, with emphasis on strategic planning and relationship building with diverse stakeholders.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

NRSG 851 Synthesis for the Nurse Executive (3 crs)

Prerequisite: NRSG 850. Limited to graduate students in the Doctor of Nursing Practice (DNP) program.

- *Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.*

This final course and clinical practicum provides an opportunity for students to demonstrate advanced leadership and management through the synthesis of the roles of the nurse executive.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

NRSG 890 DNP Project I (2 crs)

Prerequisite: NRSG 801 or concurrent enrollment; NRSG 803 or concurrent enrollment; NRSG 809 or concurrent enrollment. BSN to DNP: NRSG 746, NRSG 748, or NRSG 751 in addition to the aforementioned courses. Limited to students in the DNP program.

- *Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.*

Part one of culminating experience for the DNP student designed as a specialized advanced nursing practice field project conducted over two semesters. This project is designed as a clinical scholarship project allowing students to demonstrate expertise in practice and will be individualized based on student's prior experience and projected career goals. The project integrates the role of the DNP in a comprehensive health care environment that includes utilization of leadership, consultation, advocacy, and collaboration. In-depth work with experts from nursing and other disciplines will be incorporated to provide opportunities for meaningful student engagement in the health care environment.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: S/U Only Grade Basis

Lab/Studio Hours: 1.5

Seminar Hours: .5

NRSG 891 DNP Project II (3 crs)

Prerequisite: NRSG 805 or concurrent enrollment; NRSG 890 or concurrent enrollment.

- *Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.*

Part two of the culminating experience for the DNP student designed as a specialized advanced nursing practice field project conducted over two semesters. This project is designed as a clinical scholarship project allowing students to demonstrate expertise in practice and will be individualized based on student's prior experience and projected career goals. The project integrates the role of the DNP in a comprehensive health care environment that includes utilization of leadership, consultation, advocacy, and collaboration. In-depth work with experts from nursing and other disciplines will be incorporated to provide opportunities for meaningful student engagement in the health care environment.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: S/U Only Grade Basis

Lab/Studio Hours: 1.5

Seminar Hours: 1.5

NRS 895 Directed Studies (1-3 crs)

Prerequisite: Limited to graduate students in the Doctor of Nursing Practice (DNP) program.

- *Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.*

Study of problems or special areas in or related to Advanced Nursing Practice under faculty direction.

Attributes: DNP Fee, Special Course Fee Required

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

NRS 897 Independent Study (1-3 crs)

Prerequisite: Limited to graduate students in the Doctor of Nursing Practice (DNP) program.

- *Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.*

Individual research of problems or special areas in or related to Advanced Nursing Practice under faculty direction.

Attributes: DNP Fee, Special Course Fee Required

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

NRS 898 Graduation Only (1 cr)

Prerequisite: Limited to graduate students in the Doctor of Nursing Practice (DNP) program.

- *Students in the DNP program are assessed a special course fee for 800-level courses. For specific course fees, please refer to the course schedule.*

Individual scholarly work to complete the Doctor of Nursing Practice (DNP) program.

Attributes: DNP Fee, Special Course Fee Required

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: S/U/PR Only Grade Basis

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

Philosophy (PHIL)

PHIL 101 Basic Philosophical Issues (3 crs)

A survey of fundamental problems of philosophy, such as free will, mind and body, knowledge and skepticism, the self, reason and faith, the origin and purpose of government, and the nature of morality.

Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHIL 120 Ethical Reasoning (3 crs)

Prerequisite: No credit if taken after PHIL 220.

Prepares students to reason coherently, critically, and creatively about ethical issues by analyzing arguments and positions on contemporary moral problems in light of relevant concepts, distinctions, values, and theories.

Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities, LE-R3 Civic and Environmental Issues

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHIL 150 Logic and Critical Thinking (3 crs)

Prerequisite: No credit if taken after PHIL 250.

Introduction to principles and methods of critical thinking, sound reasoning, and argument evaluation. A combination of formal and informal techniques will be used. Moral, legal, and scientific reasoning may be considered.

Attributes: GE IB Communication-Analytical Skills

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHIL 235 Ancient Philosophy (3 crs)

History of philosophy from the early Greeks through Plotinus, stressing the contributions of Socrates, Plato, and Aristotle.

Attributes: GE IVB Humanities-Philosophy/Religious Studies

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHIL 250 Symbolic Logic (3 crs)

Introduction to formal logic. Sentential logic, quantificational logic, and other selected topics. Slightly more formal and covers more areas than Philosophy 150.

Attributes: GE IB Communication-Analytical Skills

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHIL 291 Special Topics (1-3 crs)

Content to be determined by department on initiative of students and faculty, on topics such as persons and movements in philosophy, ethnic and comparative themes and interdisciplinary syntheses.

PHIL 301 Ethics in the Professions and the Community (3 crs)

Prerequisite: Limited to organizational leadership and communication comprehensive major, Bachelor of Professional Studies degree.

A survey of major ethical theories and their applications in the professions and in community affairs, including key ethical issues in medicine, law, business, computing, and government.

Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities, BPS Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 305 Ethics and Business (3 crs)

Major theories of corporate responsibility and their relationships to the personal and social dimensions of business life.

Attributes: GE IVB Humanities-Philosophy/Religious Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 306 Ethics of Health Care (3 crs)

Major ethical theories and their applications to personal and professional dimensions of health care functions. Survey of ethical problems that arise in health care situations through case studies.

Attributes: GE IVB Humanities-Philosophy/Religious Studies, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 308 Ethics in Computing and Engineering (3 crs)

A topical introduction to ethical issues raised by computer technology and engineering, with special attention to the professional ethics of software engineering and computer organization and design. Combines theoretical frameworks with case studies to develop competence in informed ethical decision-making.

Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 310 Philosophy of Law (3 crs)

A philosophical investigation into the law's nature and limits, with a focus on criminal law. Topics include legal liberalism, legal moralism, legal paternalism, self-defense, blackmail, legal positivism, natural law theory, punishment, rights, law and economics, and the duty to obey the law.

Attributes: GE IVB Humanities-Philosophy/Religious Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 316 Metaphysics (3 crs)

Prerequisite: One course in philosophy or consent of instructor.

Explores major topics in metaphysics. Topics include universals and particulars, identity and change, necessity and essence, causation, free will and determinism, space and time, and mind and body.

Attributes: GE IVB Humanities-Philosophy/Religious Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 317 Epistemology (3 crs)

Prerequisite: One course in philosophy or consent of instructor.

Epistemology, or the theory of knowledge, explores major theories concerning the nature of knowledge, belief, and justification. Topics include skepticism, induction, a priori knowledge, foundationalism and coherentism, and internalism and externalism.

Attributes: GE IVB Humanities-Philosophy/Religious Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 320 Environmental Ethics (3 crs)

Prerequisite: BIOL 180, or GEOG 178, or GEOL 115, or ECON 268; or one course in philosophy or consent of instructor.

Introduces major theoretical approaches to ethical and policy questions concerning environmental issues such as population growth, famine, nonhuman animals, atmospheric conditions, hazardous waste, preservation of species, pollution, pesticides, and nuclear power.

Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities, LE-R3 Civic and Environmental Issues
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 322 Philosophy of Language (3 crs)

Prerequisite: At least one course in philosophy or ENGL 221 or consent of instructor.

Philosophic investigation into the structure and function of language, with emphasis on discursive meaning.

Attributes: GE IVB Humanities-Philosophy/Religious Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 325 Aesthetics (3 crs)

Acquaints students with some of the more fruitful philosophic investigations concerning the creative process, the work of art, the relationship between art and society.

Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-K4 Fine Arts, LE-S3 Creativity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PHIL 328 Philosophy and Film (3 crs)

Prerequisite: One course in philosophy or consent of instructor.

An examination of ethical, aesthetic and existential issues involved in both popular and documentary films. The perspectives examined will include feminist and multicultural approaches.

Attributes: GE IVB Humanities-Philosophy/Religious Studies

Lecture/Discussion Hours: 2.5

Lab/Studio Hours: 2

PHIL 331 Philosophical Ethics (3 crs)

Prerequisite: One course in philosophy or consent of instructor.

An advanced course in moral philosophy comprising both normative ethical theory, the inquiry into the nature of right action, and metaethics, the second-order inquiry into the nature of moral judgment itself. Philosophers studied include historical figures (e.g., Aristotle, Hume, Kant, Mill) and contemporary authors as well.

Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHIL 332 Philosophical Perspectives on Friendship (3 crs)

Prerequisite: One course in philosophy or consent of instructor.

An examination of philosophical thinking on the nature and value of friendship. Authors read include Plato, Aristotle, Seneca, Cicero, Aquinas, Montaigne, Bacon, Kierkegaard, Kant, and contemporary philosophical authors.

Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHIL 333 History of Ethics (3 crs)

Prerequisite: At least one course in philosophy or consent of the instructor.

A study of ethical thought of philosophers from a historical era in philosophy, typically either ancient or modern. Authors studied include Plato, Aristotle, Seneca, Epicurus, Cicero; Hume, Shaftsbury, Hutcheson, Butler, Bentham, Price.

Attributes: GE IVB Humanities-Philosophy/Religious Studies

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHIL 334 Philosophical Perspectives on Forgiveness (3 crs)

Prerequisite: At least one course in philosophy or consent of the instructor.

A philosophical investigation of the nature and value of forgiveness. Is a disposition to forgiveness a virtue? Is forgiveness always good, or conditionally good? Are third-party and self-forgiveness coherent? Are certain acts unforgivable? Both classical, modern, and contemporary authors will be read.

Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHIL 335 Early Modern Philosophy (3 crs)

Prerequisite: One course in philosophy or consent of instructor.

The history of philosophy from Descartes to Hume. Examines proposals by leading philosophers regarding the foundations of scientific, moral, religious, and political beliefs.

Attributes: GE IVB Humanities-Philosophy/Religious Studies

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHIL 338 Modern European Philosophy I (3 crs)

Prerequisite: One course in philosophy or consent of instructor.

Explores a pivotal era in European thought, starting with Kant's revolutionary inversion of the subject-object relation. The development of the dialectical systems by his successors set the tone for the next two centuries of Continental philosophy.

Attributes: GE IVB Humanities-Philosophy/Religious Studies

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHIL 339 Modern European Philosophy II (3 crs)

Prerequisite: One course in philosophy or consent of instructor.

Explores contemporary Continental European philosophy, especially that of Germany and France, from Husserl and Heidegger through Gadamer and Derrida. The movements of phenomenology, hermeneutics, deconstruction, and postmodernism will be emphasized.

Attributes: GE IVB Humanities-Philosophy/Religious Studies

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHIL 340 Knowledge and Reality (3 crs)

Prerequisite: One course in philosophy or consent of instructor.

Explores the philosophy of the English-speaking world during the past century, from Frege and Wittgenstein through Davidson and Putnam. Emphasizes the movements of logical positivism, ordinary language analysis, and American pragmatism.

Attributes: GE IVB Humanities-Philosophy/Religious Studies

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHIL 343 Philosophy of Mind (3 crs)

Prerequisite: One course in philosophy or consent of instructor.

The relation between the mind and the brain; the nature of consciousness; the philosophy of psychology and mental illness; artificial and animal intelligence; the nature of the emotions; free will and determinism.

Attributes: GE IVB Humanities-Philosophy/Religious Studies

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHIL 345 Philosophy of Religion (3 crs)

Prerequisite: One course in philosophy or consent of instructor or RELS 210, RELS 315, RELS 350, RELS 470; or RELS 353/WMNS 353; or RELS 450/PHIL 450.
 • *Credit may not be earned in both PHIL 345 and RELS 345.*

Critical study of the subject of religion, including the nature, grounds, and limits of religious claims.

Attributes: GE IVB Humanities-Philosophy/Religious Studies, Undergraduate/Graduate Offering
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

PHIL 355 Philosophy of Science (3 crs)

Prerequisite: One course in biology, chemistry, geology, physics, physical geography; or one course in philosophy or consent of instructor.

The nature of scientific knowledge and progress; the structure of fundamental theories in physics and biology; the demarcation between science and pseudo-science; science and religion; science and gender; social and ethical implications of modern science.

Attributes: GE IVB Humanities-Philosophy/Religious Studies
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

PHIL 365 Existentialism (3 crs)

Prerequisite: One course in philosophy or consent of instructor.

Central ideas in existential thought. Leading existentialist thinkers including Nietzsche, Heidegger, Sartre, Camus, deBeauvoir, and the phenomenologist Husserl.

Attributes: Foreign Culture, GE IVB Humanities-Philosophy/Religious Studies
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

PHIL 377 Philosophy and Feminism (3 crs)

Prerequisite: One course in philosophy or women's studies.
 • *Credit may not be earned in both PHIL 377 and WMNS 377.*

A study of recent trends in feminist philosophy with emphasis upon feminist thinking in the areas of ethics, social philosophy, and theory of knowledge.

Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

PHIL 386 Philosophical Classics (1-3 crs)

Prerequisite: One course in philosophy or consent of instructor.

A close reading of one or more philosophical classics, chosen by theme or author. Texts vary from offering to offering.

Attributes: GE IVB Humanities-Philosophy/Religious Studies
 Repeat: Course may be repeated for a maximum of 6 credits

PHIL 395 Directed Studies (1-3 crs)

Prerequisite: Minimum sophomore standing.
 Consent: Department Consent Required
 •*Recommended for non-majors.*

Work with instructor on a specific philosophical issue, problem, or activity. Content of the course to be determined by the student and the instructor.

Attributes: Undergraduate/Graduate Offering
 Repeat: Course may be repeated

PHIL 396 Research Apprenticeship in Philosophy (1-3 crs)

Prerequisite: One course in philosophy or consent of instructor.
 Consent: Department Consent Required

Qualified students, recruited and closely supervised by an instructor, engage in a research project with the faculty member.

Repeat: Course may be repeated for a maximum of 6 credits

PHIL 397 Student Academic Apprenticeship in Philosophy (1-3 crs)

Prerequisite: Limited to philosophy majors and minors. Minimum junior standing.
 Consent: Department Consent Required

Qualified students, selected and supervised by an instructor, assist teaching and learning in a course within the department while working closely with a faculty member.

Attributes: Service-Learning Optional Half
 Repeat: Course may be repeated for a maximum of 6 credits

PHIL 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing.
 Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

PHIL 485 Seminar in Problems of Philosophy (3 crs)

Prerequisite: Limited to philosophy majors and minors. Minimum junior standing. Other majors and minors will be permitted with consent of instructor.

Advanced study of problems in philosophy of mind, meta-ethics, theory of knowledge, political and social philosophy, philosophy of logic, or history of philosophy. Content is variable and is determined by the instructor.

Repeat: Course may be repeated
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

PHIL 498 Internship in Philosophy (1-3 crs)

Prerequisite: Limited to philosophy majors and minors. Minimum sophomore standing.

Consent: Department Consent Required

Assignment in an area of philosophy emphasizing practical experience in the applied professional aspects of the discipline. Students will work closely with an internship supervisor or faculty member engaged in professional or occupational projects in the field.

Attributes: Service-Learning, Half 15 Hours, Internship

Repeat: Course may be repeated for a maximum of 3 credits

Grading Basis: S/U Only Grade Basis

PHIL 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

PHIL 506 Ethics of Health Care (3 crs)

• *Cross-listed with PHIL 306. Credit may not be earned in both courses.*

Major ethical theories and their applications to personal and professional dimensions of health care functions. Survey of ethical problems that arise in health care situations through case studies.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHIL 545 Philosophy of Religion (3 crs)

Prerequisite: One course in philosophy or consent of instructor or RELS 210, RELS 315, RELS 350, RELS 470; or RELS 353/WMNS 353; or RELS 450/PHIL 450.

• *Cross-listed with PHIL 345 and RELS 345/RELS 545. Credit may only be earned in one of these courses.*

Critical study of the subject of religion, including the nature, grounds, and limits of religious claims.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHIL 595 Directed Studies (1-3 crs)

Consent: Department Consent Required

• *Cross-listed with PHIL 395.*

Work with instructor on a specific philosophical issue, problem, or activity. Content of the course to be determined by the student and the instructor. Recommended for non-majors.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

PHIL 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

Physics (PHYS)

PHYS 100 Physical Science (4 crs)

Prerequisite: No credit if taken after PHYS 110, PHYS 111, PHYS 211 or PHYS 231.

A conceptual study of physics using ideas of force and energy to understand motion, properties of matter, sound, light, and electricity and magnetism.

Attributes: GE IIE Natural Science-Physics, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

PHYS 115 Survey of Astronomy (3 crs)

Prerequisite: No credit if taken after PHYS 226 or PHYS 229.

A one-semester presentation of our current understanding of the universe, including the solar system, birth and death of stars, unusual phenomena such as black holes and quasars, evolution of galaxies and the universe, and our link with the cosmos.

Attributes: GE IIE Natural Science-Physics, LE-K1 Natural Sciences

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHYS 120 Introduction to Engineering (2 crs)

Prerequisite: MATH 109 or concurrent enrollment.

A comprehensive study of the engineering design process. Discussion of engineering disciplines with comparisons. The laboratory portion of the course includes design projects from various engineering disciplines.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

PHYS 186 Introductory Seminar (0.5 crs)

Prerequisite: Limited to physics liberal arts majors.

Students will explore avenues for obtaining an internship, discuss plans for participating in the required research project, attend the weekly Physics Seminar, develop academic plans, and participate in postgraduate planning.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: .5

Lab/Studio Hours: 0

PHYS 205 Physics of Renewable Energy (4 crs)

Explores the basic physics principles behind various types of renewable energy sources. Discusses impact renewable energy sources have on mitigating global warming and climate change.

Attributes: GE IIE Natural Science-Physics, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, LE-R3 Civic and Environmental Issues

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

PHYS 211 General Physics (5 crs)

Prerequisite: No credit if taken after PHYS 231.

Fundamental principles of mechanics, heat, wave motion, and sound. Designed for students who desire a one-year non-calculus course in physics. Proficiency with algebraic and trigonometric operations is expected.

Attributes: GE IIE Natural Science-Physics, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab

Lecture/Discussion Hours: 4

Lab/Studio Hours: 2

PHYS 212 General Physics (4 crs)

Prerequisite: PHYS 211. No credit if taken after PHYS 232.

A continuation of Physics 211 including topics in optics, electricity, magnetism, and modern physics.

Attributes: GE IIE Natural Science-Physics, Lab Science

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

PHYS 226 Astronomy-Solar System (4 crs)

- *Three years high school mathematics assumed prior to enrollment in this course. Some night observing required.*

The physical nature of the solar system, including earth motions, celestial coordinates, time, telescopes, moon, planets, sun, and origin of solar system.

Attributes: GE IIE Natural Science-Physics, Lab Science, LE-I1 Integration, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

PHYS 229 Astronomy-Stars and Galaxies (4 crs)

- *Three years of high school mathematics assumed prior to enrollment in this course. PHYS 226 is not a prerequisite. Some night observing required.*

The physical nature of the universe, including stellar evolution, multiple and variable stars, the Milky Way galaxy, other galaxies, and origin of the universe.

Attributes: GE IIE Natural Science-Physics, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

PHYS 231 University Physics I (5 crs)

Prerequisite: MATH 114 or concurrent enrollment.

Physics for science and engineering students, including the study of mechanics, simple harmonic motion, and wave motion.

Attributes: GE IIE Natural Science-Physics, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab

Lecture/Discussion Hours: 4

Lab/Studio Hours: 2

PHYS 232 University Physics II (5 crs)

Prerequisite: PHYS 231; MATH 215 or concurrent enrollment

A continuation of Physics 231, including the study of electricity, magnetism, and optics.

Attributes: GE IIE Natural Science-Physics, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab

Lecture/Discussion Hours: 4

Lab/Studio Hours: 2

PHYS 255 Statics (3 crs)

Prerequisite: PHYS 231; MATH 215 or concurrent registration.

Designed primarily for pre-engineering students. Includes static equilibrium of rigid bodies, centroids, analysis of structures, friction, and moments of inertia.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHYS 291 Special Topics (1-3 crs)

Content will be determined by the interests of students and faculty. May contain lecture or lab.

PHYS 308 Science of Musical Sound (3 crs)

Physical concepts related to production of tones and speech. Application to musical instruments and auditorium acoustics, with experimental demonstrations of vibrational phenomena and electronic sound analysis and synthesis. No prior physics or university mathematics assumed.

Attributes: GE IIE Natural Science-Physics, LE-K1 Natural Sciences

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHYS 315 The Mysterious Universe (3 crs)

A view of the world as revealed by contemporary physical thought. Topics include size and origin of universe, ultimate nature of matter; modern ideas of space, time and energy; possibilities of extraterrestrial life; and values and limitations of science.

Attributes: GE IIE Natural Science-Physics, LE-I1 Integration, LE-K1 Natural Sciences

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHYS 332 University Physics III (3 crs)

Prerequisite: PHYS 232 and MATH 215.

Physics for science and engineering students, including the study of fluids, heat, thermodynamics, relativity, and an introduction to modern physics.

Attributes: LE-11 Integration

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHYS 333 Quantum Physics (3 crs)

Prerequisite: PHYS 332 and MATH 216.

Introduction to the experimental and theoretical basis of quantum physics, including particle aspects of radiation, matter waves, Bohr model of the atom, Schrodinger wave mechanics and its application to the hydrogen atom and multi-electron atoms.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHYS 340 Optics (4 crs)

Prerequisite: PHYS 232 and MATH 215.

Lecture and laboratory work cover geometrical and physical optics, image formation, optical instruments, interference, diffraction, polarization, and modern topics including lasers.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 3

PHYS 350 Electric and Electronic Circuits (4 crs)

Prerequisite: MATH 215 and grade of C or above in PHYS 232.

General introduction to electrical circuits and electronics including analysis of DC and AC circuits, simple passive filters, diodes, transistors, operational amplifiers, simple digital electronics, and circuit design and construction.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 3

PHYS 356 Dynamics (3 crs)

Prerequisite: MATH 215 and PHYS 255 (or MATH 255). No credit if taken after MATH 256. Credit may not be earned in both PHYS 356 and PHYS 365.

A continuation of Physics 255. Dynamics of rigid bodies, moments of inertia, work, energy, impulse, and momentum.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHYS 360 Electronics (4 crs)

Prerequisite: PHYS 350 or consent of instructor.

Description, analysis, and laboratory measurements of digital and analog devices including transistor amplifiers, operational amplifiers, oscillators, gates, flip-flops, analog-digital converters, and microprocessors.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 3

PHYS 361 LabVIEW Basics (2 crs)

Prerequisite: PHYS 350 or concurrent enrollment.

Consent: Instructor Consent Required

• *Field trip(s) optional.*

Lecture and laboratory work cover an introduction to the graphical programming language LabVIEW. LabVIEW has been widely adopted as the industry standard for computerized data acquisition, analysis and instrument control.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

PHYS 362 LabVIEW Applications (2 crs)

Prerequisite: PHYS 361 LabVIEW Basics

Consent: Instructor Consent Required

• *Field trip(s) optional.*

Lecture and laboratory exercises cover applications using the graphical programming language LabVIEW. Topics include advanced programming structures, CompactDAQ hardware, digital signal processing, motor control, encoders, PID process control, RS-232 instrument control, component testing, sensor monitoring.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

PHYS 363 LabVIEW cRIO (1 cr)

Prerequisite: PHYS 362 LabVIEW Applications

Consent: Instructor Consent Required

Lecture and laboratory exercises cover the theory and application of the cRIO automation controller using the graphical programming language LabVIEW. Topics include Real-Time operating system, field programmable gate array (FPGA) and network shared variables.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

PHYS 365 Theoretical Mechanics (4 crs)

Prerequisite: MATH 216, and a grade of C or above in PHYS 231. Credit may not be earned in both PHYS 356 and PHYS 365.

Newton's laws, accelerated frames, central-force orbits, angular momentum of systems, coupled oscillations, generalized coordinates, and Lagrange's equations.

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

PHYS 367 Astrophysics (3 crs)

Prerequisite: PHYS 332

Physics applied to astronomical objects. The birth, structure, and evolution of stars are studied in detail. Nebulae, the interstellar medium, and stellar remnants are also investigated.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHYS 374 Physics of Solids (4 crs)

Prerequisite: PHYS 332 or MSE 350.

- *Credit may not be earned in both MSE 374 and PHYS 374.*

A description of the behaviors of crystalline solids. Topics include crystallography, diffraction, and the electrical, optical and magnetic properties of materials. Semiconducting materials and devices will also be discussed.

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

PHYS 375 Electromagnetic Fields (4 crs)

Prerequisite: PHYS 332, MATH 216, and MATH 311 or MATH 312.

Electric and magnetic fields, dielectric and magnetic properties of materials, and electromagnetic phenomena. Field theory leading to the development of Maxwell's equations and the plane electromagnetic wave.

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

PHYS 392 Current Topics in the Physics Literature (1 cr)

Prerequisite: PHYS 332. Limited to physics liberal arts majors.

Each student will choose a topic for investigation using articles in the physics literature. The class will discuss and critique each individual's project during class meetings. All students will write final summary papers.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

PHYS 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

PHYS 430 Advanced Laboratory Techniques (2 crs)

Prerequisite: Two courses from PHYS 340, PHYS 350, PHYS 360.

Laboratory course for students with special interests in experimental physics. The emphasis is on widely applicable modern experimental methods.

Lecture/Discussion Hours: 0

Lab/Studio Hours: 4

PHYS 440 Digital Image Processing (3 crs)

Prerequisite: MATH 215

- *Credit may not be earned in both MATH 440 and PHYS 440.*

Applications of Fourier analysis and wavelets to optics and image processing. Topics include: diffraction, wave optical theory of lenses and imaging, wavelets, and image processing.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHYS 445 Thermal Physics (4 crs)

Prerequisite: PHYS 332, PHYS 333, and MATH 216. No credit if taken after PHYS 334 and PHYS 435.

Statistical mechanics and thermodynamics including the laws of classical thermodynamics, equations of state, thermodynamical processes, and applications to classical and quantum mechanical systems.

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

PHYS 465 Quantum Mechanics (3 crs)

Prerequisite: PHYS 333, MATH 311 or MATH 312.

A continuation of Physics 333, including Dirac notation, operator methods, one dimensional potentials, spin and angular momentum, and the philosophical interpretation of quantum mechanics.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHYS 475 Mathematical Methods in Physics (3 crs)

Prerequisite: PHYS 365 and MATH 311 or MATH 312; or consent of instructor.

An introduction to the mathematical methods in physics with emphasis on applications in classical mechanics, quantum mechanics, and electrodynamics.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHYS 486 Senior Seminar (0.5 crs)

Prerequisite: Limited to physics liberal arts majors, liberal arts emphasis; and physics liberal arts majors, applied physics emphasis.

Consent: Department Consent Required

- Students need to have completed an adviser-approved capstone project before entering this class. This can be accomplished through various means: PHYS 392, PHYS 399, PHYS 430, PHYS 495, PHYS 499, through an academic or industrial internship, or through another approved means.

Students will present a capstone project seminar, develop presentation skills (oral and poster), take a nationally normed test covering undergraduate physics, discuss their post-graduate plans, and assist the department in assessing the major.

Attributes: LE-S3 Creativity

Lecture/Discussion Hours: .5

Lab/Studio Hours: 0

PHYS 491 Special Topics (1-3 crs)

Prerequisite: PHYS 333 and PHYS 365.

Content will be determined by the interests of students and faculty. Possible topics include astrophysics and solid state physics.

Repeat: Course may be repeated for a maximum of 6 credits

PHYS 495 Directed Study (1-3 crs)

Prerequisite: PHYS 332; 2.75 GPA in physics. Limited to physics majors and minors.

Consent: Department Consent Required

- Limit of three credits counted toward major.

Special project or research activity, primarily on campus, and directed by a faculty member. Projects and topics available will be determined by the activities and interests of the faculty.

Repeat: Course may be repeated for a maximum of 6 credits

PHYS 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

PHYS 561 LabVIEW Basics (2 crs)

Consent: Instructor Consent Required

- Cross-listed with PHYS 361. Credit may not be earned in both courses. Field trip(s) optional.

Lecture and laboratory work cover an introduction to graphical programming language LabVIEW. LabVIEW has been widely adopted as the industry standard for computerized data acquisition, analysis and instrument control.

Attributes: Field Trip(s) Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

PHYS 562 LabVIEW Applications (2 crs)

Consent: Instructor Consent Required

- Cross-listed with PHYS 362. Credit may not be earned in both courses. Field trip(s) optional.

Lecture and laboratory exercises cover applications using the graphical programming language LabVIEW. Topics include advanced programming structures, Compact DAQ hardware, digital signal processing, motor control, encoders, PID Process control, RS-232 instrument control, component testing, sensor monitoring.

Attributes: Field Trip(s) Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

PHYS 563 LabVIEW cRIO (1 cr)

Consent: Instructor Consent Required

- Cross-listed with PHYS 363. Credit may not be earned in both courses.

Lecture and laboratory exercises cover the theory and application of the cRIO automation controller using the graphical programming language LabVIEW. Topics include Real-Time operating system, field programmable gate array (FPGA) and network shared variables.

Attributes: Field Trip(s) Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

PHYS 793 Directed Studies (1-4 crs)

Permits groups of students to study topical areas in an intensive way under the direction of departmental faculty members.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

Political Science (POLS)

POLS 102 Introduction to Politics (3 crs)

A general introduction to basic concepts and approaches to the study of politics and contemporary political issues and problems.

Attributes: GE IIID Social Science-Political Science, LE-K2 Social Sciences, LE-R2 Global Perspectives

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 110 American National Politics (3 crs)

Analysis of major components of American national politics. Includes examination of the individual's ability to affect politics, and the impact of politics on individual lives.

Attributes: GE IIID Social Science-Political Science, LE-K2 Social Sciences, LE-R3 Civic and Environmental Issues

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 121 The Politics of Global Cultural Relations (3 crs)

Introductory course on the impact of clashing cultural orientations and competing belief systems on international affairs. Examines how cultural forces transform power and social interaction, and influence and shape world politics.

Attributes: Foreign Culture, GE IIID Social Science-Political Science

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 122 Introduction to World Politics (3 crs)

Introductory course for the study of world politics. Focus includes states, international organizations (private and public), and other global interaction influencing and shaping world politics.

Attributes: GE IIID Social Science-Political Science, LE-K2 Social Sciences, LE-R2 Global Perspectives

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 250 American Indian Politics (3 crs)

• *Credit may not be earned in both POLS 250 and AIS 250.*

The course will examine the recent trends in American Indian politics beginning with the American Indian Movement through the present. The course will include topics on tribal sovereignty, legalized gambling, and tribal government.

Attributes: Cultural Diversity 3 cr., GE IIID Social Science-Political Science

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 260 Introduction to Comparative Politics (3 crs)

A comparative analysis of political systems of Great Britain, France, Germany, Russia, Japan, China, India, Iran, Brazil, and Nigeria.

Attributes: Foreign Culture, GE IIID Social Science-Political Science, LE-K2 Social Sciences, LE-R2 Global Perspectives

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 265 Problems of the Developing Nations (3 crs)

A critical examination of developmental concepts, socioeconomic and political problems of the Third World; elite groups, political ideologies, cohesive and divisive forces influencing development.

Attributes: Foreign Culture, GE IIID Social Science-Political Science, LE-K2 Social Sciences, LE-R2 Global Perspectives

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 290 Introduction to Political Analysis (3 crs)

Prerequisite: POLS 110 or consent of instructor. Limited to political science majors.

Examines the nature and design of scientific research; raises philosophical and methodological issues regarding the logic, theory, and empirical analysis of political research; explores reasoning, causality, and data analysis in scientific research.

Attributes: LE-S3 Creativity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 291 Special Topics - Political Problems (1-3 crs)

Selected political problems and issues affecting our political system. Examples: racism, poverty, radicalism, pluralism. Completion of a semester's work in fewer weeks is possible with extra classes per week.

POLS 301 State and Local Politics (3 crs)

Prerequisite: POLS 110 or consent of instructor.

A critical examination of federalism, localism, intergovernmental finance, intergovernmental relations, state and local institutions, and state and local elections.

Attributes: GE IIID Social Science-Political Science, LE-K2 Social Sciences, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 305 Survey of U.S. Constitutional Principles (3 crs)

Prerequisite: No credit if taken after POLS 403 or POLS 404.

Analysis of the powers of governments in the U.S. and rights of individuals.

Attributes: GE IIID Social Science-Political Science, LE-K2 Social Sciences, LE-R3 Civic and Environmental Issues

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 309 Classical Political Thought (3 crs)

Prerequisite: Minimum sophomore standing.

Study of major political thinkers from the ancient and medieval periods, with emphasis on Plato and Aristotle.

Attributes: GE IIID Social Science-Political Science, LE-K3 Humanities, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 310 Modern Political Thought (3 crs)

Prerequisite: Minimum sophomore standing.

Study of major political thinkers from the Renaissance to the French Revolution.

Attributes: GE IIID Social Science-Political Science, LE-K3 Humanities

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 311 Contemporary Political Thought (3 crs)

Prerequisite: Minimum sophomore standing.

A study of major political thinkers from the French Revolution to the present day, with emphasis on the philosophical roots of twentieth century ideologies.

Attributes: GE IIID Social Science-Political Science

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 312 American Political Thought (3 crs)

The intellectual roots of American Politics, with emphasis on the Revolutionaries, particularly Jefferson; The Federalist; Tocqueville's Democracy in America; and Lincoln.

Attributes: Cultural Diversity 1 cr., GE IIID Social Science-Political Science, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 314 The Idea of Tolerance in the Western Political Tradition (3 crs)

Historical and philosophical consideration of the development of the idea of tolerance in the western political tradition, with emphasis on major philosophical defenders and critics of the ideal of an open, tolerant society, and on the American experiment in political, religious, and cultural tolerance.

Attributes: GE IIID Social Science-Political Science, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 319 Politics of Latin America (3 crs)

• *Credit may not be earned in both POLS 319 and LAS 319.*

An examination of major institutions, groups, and selected topics related to Latin American politics.

Attributes: Foreign Culture, GE IIID Social Science-Political Science

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 320 Caribbean Politics (3 crs)

Prerequisite: One course in POLS or consent of instructor.

• *Credit may not be earned in both POLS 320 and LAS 320.*

The dynamics of Anglo-phone and Hispanic Caribbean politics from Colonial rule to the present. Major topics include: colonialism; patterns of decolonization; post-colonial state power; the status of women; and recent trends in structures of dependency and popular resistance.

Attributes: Foreign Culture, GE IIID Social Science-Political Science

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 321 Politics of the Middle East (3 crs)

Introduces students to social, economic, political, and cultural aspects of life in the Middle East by focusing on specific topics such as Religion and Politics, Nationalism, Peace and Conflict, Western Influence.

Attributes: Foreign Culture, GE IIID Social Science-Political Science, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 322 Politics of Russia (3 crs)

Prerequisite: One course in POLS or consent of instructor.

A study of the transitions taking place in Russia covering subjects such as the Soviet past, nationalism, leadership, political institutions, and relations with the other former Soviet republics.

Attributes: Foreign Culture, GE IIID Social Science-Political Science, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 323 Politics of Eastern Europe (3 crs)

Prerequisite: One course in POLS or consent of instructor.

An examination of political, economic, and cultural transitions in Eastern Europe. Topics covered include political-historical context, democratic institution building, market economic development, political cultural orientation, international organizations, and ethnonational conflict and conflict resolution.

Attributes: Foreign Culture, GE IIID Social Science-Political Science, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 324 Politics of Asia (3 crs)

This course addresses political, economic, and social dimensions of contemporary Asian politics. The countries examined from a comparative perspective are China, North Korea, South Korea, India, and Indonesia.

Attributes: Foreign Culture, GE IIID Social Science-Political Science, LE-K2 Social Sciences, LE-R2 Global Perspectives, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 325 Model United Nations (3 crs)

A study of the institutional foundation and the contemporary role of the United Nations as a global intergovernmental organization in pursuit of a peaceful resolution to global conflicts and the promotion of cooperation among global actors.

Attributes: GE IIID Social Science-Political Science, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 326 Politics of Southeast Asia (3 crs)

This course offers a comparative examination of Southeast Asian countries, including the Hmong diaspora, Indonesia, Thailand, Philippines, and Vietnam, on thematic issues.

Attributes: Foreign Culture, GE IIID Social Science-Political Science, LE-K2 Social Sciences, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 327 Politics of Continental Europe (3 crs)

Prerequisite: POLS 102 or POLS 110 or consent of instructor.

An examinations of European parliamentary systems, their societies and cultures, the European Union, and the development of European identity.

Attributes: Foreign Culture, GE IIID Social Science-Political Science
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 328 Islam and Politics (3 crs)

This course examines the multi-faceted nature of the relationship between Islam and politics in the contemporary world.

Attributes: Foreign Culture, GE IIID Social Science-Political Science, LE-K2 Social Sciences, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 329 Political Violence (3 crs)

This course offers a comparative study of political violence in the contemporary world, reviewing a variety of theoretical and empirical approaches to violence.

Attributes: Foreign Culture, GE IIID Social Science-Political Science, LE-K2 Social Sciences, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 330 U.S. Foreign Policy (3 crs)

Prerequisite: POLS 122 or consent of instructor.

A study of the principal theoretical approaches to the conduct of U.S. foreign policy and the major foreign policy issues facing the United States.

Attributes: GE IIID Social Science-Political Science, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 331 International Organization and Law (3 crs)

Prerequisite: POLS 122 or consent of instructor.

An analysis of the historical and current patterns and theoretical concepts and theories relevant to the organization of global affairs.

Attributes: GE IIID Social Science-Political Science
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 332 International Conflict (3 crs)

Prerequisite: POLS 122 or consent of instructor.

Examines the main theories and concepts used to understand and explain international and civil conflict. The course will also provide an analysis of the principle techniques and practices of conflict resolution.

Attributes: GE IIID Social Science-Political Science, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 334 International Political Economy (3 crs)

Prerequisite: POLS 122 or ECON 103 or ECON 104 or ECON 201 or consent of instructor.

International political economy is the simultaneous study of power and wealth at the international level, or it is the study of political foundations of international economic interactions and vice versa.

Attributes: GE IIID Social Science-Political Science, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 335 International Relations Theory (3 crs)

Prerequisite: POLS 122 or consent of instructor. Minimum sophomore standing.

Explores various theoretical approaches on world political order: Realism; Liberalism; Socialism; Critical Theory; Postmodern, Feminist; and Ecological perspectives. Within each framework, key concepts such as the state, power, globalization, regimes, etc., are explored.

Attributes: GE IIID Social Science-Political Science
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

POLS 336 Arab-Israeli Conflict (3 crs)

This course examines the political, socioeconomic, cultural, and historical roots of the conflict between Arab States/Palestinian Arabs and the state of Israel. Both regional and international aspects of the conflict are fully discussed.

Attributes: Foreign Culture, GE IIID Social Science-Political Science, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 338 Judicial Politics (3 crs)

A study of the judicial system and judicial policy-making, emphasizing the U.S. Supreme Court and lower federal judiciary.

Attributes: GE IIID Social Science-Political Science

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 339 Legislative Politics (3 crs)

Prerequisite: One course in POLS or consent of instructor.

Examines representation and lawmaking in the U.S. Congress and state legislatures. Topics include the role of constituents, interest groups, money, campaigns and elections, committees, parties, leadership, the legislative process, and legislative reform.

Attributes: GE IIID Social Science-Political Science

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 340 Congress and the Presidency (3 crs)

Prerequisite: No credit if taken after POLS 339 or POLS 348

Study of congressional representation, organization, lawmaking, and presidential leadership in the separation of powers system.

Attributes: GE IIID Social Science-Political Science, LE-K2 Social Sciences, LE-R3 Civic and Environmental Issues

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 341 Political Parties, Elections, and Voting (3 crs)

Prerequisite: One course in POLS or consent of instructor.

Emphasizes electoral politics in America, including the organization and functions of American political parties, the dynamics of campaigns and elections, and voting behavior in the U.S.

Attributes: GE IIID Social Science-Political Science, Service-Learning Optional

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 342 Public Opinion and Political Behavior (3 crs)

Prerequisite: One course in POLS or consent of instructor.

Development, nature and impact of political attitudes and opinions; white and minority opinion compared; political role of the mass media; personality and opinions; political participation; behavioral techniques of analysis; all in an American politics context.

Attributes: Cultural Diversity 1 cr., GE IIID Social Science-Political Science

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 343 Public Administration (3 crs)

Prerequisite: POLS 110 or consent of instructor.

Analyzes organizational structure and administrative behavior in governmental agencies. Topics include leadership, control, decision-making, recruitment, communication, adaptation, and others.

Attributes: GE IIID Social Science-Political Science

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 344 Media and Politics (3 crs)

Prerequisite: POLS 110 or consent of instructor.

The course examines the symbiotic relationship between the media and political actors. The course will look at how the media influences the political agenda, how politicians manipulate the media, and the impact of political advertising.

Attributes: GE IIID Social Science-Political Science, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 345 Film and Politics (3 crs)

An examination of how film delivers both implicit and explicit political themes and messages, with a focus on the areas of plot, characterization, symbolism, and cinematic techniques.

Attributes: GE IIID Social Science-Political Science, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 346 Public Policy in the United States (3 crs)

Prerequisite: One course in POLS or consent of instructor.

Emphasizes policy analysis, the policymaking process, and the content of American domestic policy; includes coverage of a wide range of policy areas such as economics, environment, energy, business, labor, poverty, welfare, health, education, and agriculture.

Attributes: GE IIID Social Science-Political Science

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 348 The Presidency (3 crs)

Prerequisite: One course in POLS or consent of instructor.

The nature and extent of presidential power; the President's roles, functions and relations to various institutions, including the media, the bureaucracy, Congress, the courts, the public, interest groups, and elections.

Attributes: GE IIID Social Science-Political Science

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 350 Group and Minority Politics (3 crs)

Examines the role, status, and experiences of minority groups within the American political system. Emphasis placed on an interest group perspective.

Attributes: Cultural Diversity 3 cr., GE IIID Social Science-Political Science, LE-DDIV Design for Diversity, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 351 Women and Politics (3 crs)

• *Credit may not be earned in both POLS 351 and WMNS 351.*

Analysis of women's roles and participation in politics: as citizens, voters, candidates, and officeholders. The impact of feminism and the women's movement on issues and policymaking.

Attributes: GE IIID Social Science-Political Science, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 352 Gender and Politics in Global Perspective (3 crs)

• *Credit may not be earned in both POLS 352 and WMNS 352.*

This course surveys important topics in the study of gender and politics in global perspective.

Attributes: Foreign Culture, GE IIID Social Science-Political Science, LE-K2 Social Sciences, LE-R2 Global Perspectives

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 353 Afro-American Politics (3 crs)

The dynamics of Black American politics from the mid-twentieth century to the present. Using a cultural studies and political economy approach, the course examines the social, economic, cultural, and political determinants of Afro-American politics after 1945.

Attributes: Cultural Diversity 3 cr., GE IIID Social Science-Political Science

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 387 The Psychology of Public Opinion (3 crs)

Prerequisite: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies degree.

This course will look at ways in which individuals and groups form opinions on issues of relevance to themselves and their communities as well as examining the ways in which opinion can be measured and mismeasured.

Attributes: GE IIID Social Science-Political Science, LE-K2 Social Sciences, BPS Flat Rate Tuition

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 390 Culture and Politics (3 crs)

Explores cultural and societal context of contemporary politics through various literary media and selected political studies. A cross-cultural approach examines national character, class, race, ethnic and religious differences, socialization, and cultural conflict.

Attributes: Foreign Culture, GE IIID Social Science-Political Science

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 395 Directed Studies (1-3 crs)

Consent: Department Consent Required

Study of a political problem or topic.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

POLS 397 Student Academic Apprenticeship in Political Science (1-6 crs)

Prerequisite: Grade of B+ or above in the assigned course. Minimum total GPA of 3.30.

Consent: Department Consent Required

• *Cannot apprentice in the same course twice.*

Qualified students work under close supervision of faculty exploring methods to teach political science and assisting in the teaching of a course or courses. Students enhance their understanding of the discipline and their communication skills.

Attributes: Service-Learning, Full 30 Hours

Repeat: Course may be repeated for a maximum of 6 credits

POLS 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

POLS 403 U.S. Constitutional Principles - Powers of Government (3 crs)

Prerequisite: POLS 110 or consent of instructor.

American constitutional principles as interpreted by the Supreme Court; the constitutional structure of the U.S. government. Emphasizes powers of Congress, President, Judiciary; principles of federalism and separation of power. Focus on study of Supreme Court cases.

Attributes: GE IIID Social Science-Political Science, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 404 U.S. Constitutional Principles - Civil Liberties (3 crs)

Prerequisite: POLS 110 or consent of instructor.

American constitutional principles concerning the relations between individual and government. Emphasizes freedom of speech, press, religion; separation of church and state; and equality. Focus on study of Supreme Court cases.

Attributes: GE IIID Social Science-Political Science, LE-K2 Social Sciences, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 405 U.S. Constitutional Principles - Due Process and Criminal Law (3 crs)

Prerequisite: POLS 110 or consent of instructor.

American constitutional principles concerning the criminal process and criminal law. Emphasizes the rights found in the Fourth, Fifth, Sixth, and Eighth Amendments and theories of due process and incorporation from the Fourteenth Amendment.

Attributes: GE IIID Social Science-Political Science, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 406 U.S. Constitutional Principles - Equality and Privacy (3 crs)

Prerequisite: POLS 110 or consent of instructor.

Study of the U.S. Constitution's 14th and 15th Amendments as explicated by the U.S. Supreme Court in cases concerning issues of racial and gender equality and sexual privacy.

Attributes: Cultural Diversity 1 cr., GE IIID Social Science-Political Science, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 480 Political Science Capstone (3 crs)

Prerequisite: POLS 290. Limited to political science majors. Minimum senior standing.

- *Student must have successfully completed at least one course in each of the four areas of the discipline.*

Graduating seniors apply their acquired knowledge and skills to selected topics for research. Students work under the direction of an assigned faculty to produce a major research paper and oral presentation to the class.

Attributes: LE-I1 Integration, Capstone Course

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 491 Special Topics - Advanced Political Problems (1-3 crs)

Selected political problems and issues affecting our political system. Examples: racism, poverty, radicalism, pluralism. Completion of a semester's work in fewer weeks is possible with extra classes per week.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

POLS 496 Honors Independent Reading (2-3 crs)

Prerequisite: 3.50 GPA in political science courses or consent of instructor.

Independent reading and research in selected areas of political science.

Repeat: Course may be repeated for a maximum of 8 credits

POLS 498 Internship (1-6 crs)

Prerequisite: POLS 110 or consent of instructor. Limited to political science majors and minors and criminal justice majors.

Consent: Department Consent Required

Assignment to a political or administrative situation for practical experience. The work experience will be related to the fundamental theories of the discipline.

Attributes: Service-Learning, Full 30 Hours, Internship

Repeat: Course may be repeated for a maximum of 6 credits

POLS 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

POLS 501 State and Local Politics (3 crs)

Prerequisite: POLS 110 or consent of instructor.

- *Cross-listed with POLS 301. Credit may not be earned in both courses.*

A critical examination of federalism, localism, intergovernmental finance, intergovernmental relations, state and local institutions, and state and local elections.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 509 Classical Political Thought (3 crs)

- *Cross-listed with POLS 309. Credit may not be earned in both courses.*

Study of major political thinkers from the ancient and medieval periods, with emphasis on Plato and Aristotle.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 514 The Idea of Tolerance in the Western Political Tradition (3 crs)

- *Cross-listed with POLS 314. Credit may not be earned in both courses.*

Historical and philosophical consideration of the development of the idea of tolerance in the western political tradition, with emphasis on major philosophical defenders and critics of the ideal of an open, tolerant society, and on the American experiment in political, religious, and cultural tolerance.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 521 Politics of the Middle East (3 crs)

- *Cross-listed with POLS 321. Credit may not be earned in both courses.*

Introduces students to social, economic, political, and cultural aspects of life in the Middle East by focusing on specific topics such as Religion and Politics, Nationalism, Peace and Conflict, Western Influence.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 522 Politics of Russia (3 crs)

- *Cross-listed with POLS 322. Credit may not be earned in both courses.*

A study of the transitions taking place in Russia covering subjects such as the Soviet past, nationalism, leadership, political institutions, and relations with the other former Soviet republics.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 523 Politics of Eastern Europe (3 crs)

- *Cross-listed with POLS 323. Credit may not be earned in both courses.*

An examination of political, economic, and cultural transitions in Eastern Europe. Topics covered include political-historical context, democratic institution building, market economic development, political cultural orientation, international organizations, and ethnonational conflict and conflict resolution.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 524 Politics of Asia (3 crs)

Prerequisite: One course in POLS or consent of instructor.

- *Cross-listed with POLS 324. Credit may not be earned in both courses.*

This course addresses political, economic, and social dimensions of contemporary Asian politics. The countries examined from a comparative perspective are China, North Korea, South Korea, India, and Indonesia.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 525 Model United Nations (3 crs)

- *Cross-listed with POLS 325. Credit may not be earned in both courses.*

A study of the institutional foundation and the contemporary role of the United Nations as a global intergovernmental organization in pursuit of a peaceful resolution to global conflicts and the promotion of cooperation among global actors.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 530 U.S. Foreign Policy (3 crs)

Prerequisite: POLS 122 or consent of instructor.

- *Cross-listed with POLS 330. Credit may not be earned in both courses.*

A study of the principal theoretical approaches to the conduct of U.S. foreign policy and the major foreign policy issues facing the United States.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 532 International Conflict (3 crs)

Prerequisite: POLS 122 or consent of instructor.

- *Cross-listed with POLS 332. Credit may not be earned in both courses.*

Examines the main theories and concepts used to understand and explain international and civil conflict. The course will also provide an analysis of the principle techniques and practices of conflict resolution.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 534 International Political Economy (3 crs)

Prerequisite: POLS 122 or ECON 103 or ECON 104 or ECON 201 or consent of instructor.

- *Cross-listed with POLS 334. Credit may not be earned in both courses.*

International political economy is the simultaneous study of power and wealth at the international level, or it is the study of political foundations of international economic interactions and vice versa.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 536 Arab-Israeli Conflict (3 crs)

- *Cross-listed with POLS 336. Credit may not be earned in both courses.*

This course examines the political, socioeconomic, cultural, and historical roots of the conflict between Arab States/Palestinian Arabs and the state of Israel. Both regional and international aspects of the conflict are fully discussed.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 544 Media and Politics (3 crs)

Prerequisite: POLS 110 or consent of instructor.

- *Cross-listed with POLS 344. Credit may not be earned in both courses.*

The course examines the symbiotic relationship between the media and political actors. The course will look at how the media influences the political agenda, how politicians manipulate the media, and the impact of political advertising.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 545 Film and Politics (3 crs)

- *Cross-listed with POLS 345. Credit may not be earned in both courses.*

An examination of how film delivers both implicit and explicit political themes and messages, with a focus on the areas of plot, characterization, symbolism, and cinematic techniques.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 551 Women and Politics (3 crs)

- *Cross-listed with POLS 351 and WMNS 351/WMNS 551. Credit may only be earned in one of these courses.*

Analysis of women's roles and participation in politics: as citizens, voters, candidates, and officeholders. The impact of feminism and the women's movement on issues and policymaking.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 595 Directed Studies (1-3 crs)

Consent: Department Consent Required

- *Cross-listed with POLS 395.*

Study of a political problem or topic.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

POLS 603 U.S. Constitutional Principles - Powers of Government (3 crs)

Prerequisite: POLS 110 or consent of instructor.

- *Cross-listed with POLS 403. Credit may not be earned in both courses.*

American constitutional principles as interpreted by the Supreme Court; the constitutional structure of the U.S. government. Emphasizes powers of Congress, President, Judiciary; principles of federalism and separation of power. Focus on study of Supreme Court cases.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 604 U.S. Constitutional Principles - Civil Liberties (3 crs)

Prerequisite: POLS 110 or consent of instructor.

- *Cross-listed with POLS 404. Credit may not be earned in both courses.*

American constitutional principles concerning the relations between individual and government. Emphasizes freedom of speech, press, religion; separation of church and state; and equality. Focus on study of Supreme Court cases.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 605 U.S. Constitutional Principles - Due Process and Criminal Law (3 crs)

Prerequisite: POLS 110 or consent of instructor.

- *Cross-listed with POLS 405. Credit may not be earned in both courses.*

American constitutional principles concerning the criminal process and criminal law. Emphasizes the rights found in the Fourth, Fifth, Sixth, and Eighth Amendments and theories of due process and incorporation from the Fourteenth Amendment.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 691 Special Topics - Advanced Political Problems (1-3 crs)

- *Cross-listed with POLS 491.*

Selected political problems and issues affecting our political system. Examples: racism, poverty, radicalism, pluralism. Completion of a semester's work in fewer weeks is possible with extra classes per week.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

POLS 795 Research Paper (1-2 crs)

Repeat: Course may be repeated
Grading Basis: PR Only Grade Basis

POLS 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

Professional Studies Arts and Sciences (PSAS)

PSAS 300 Introduction to Organizational Leadership and Communication (3 crs)

Prerequisite: Limited to Organizational Leadership and Communication comprehensive majors, Bachelor of Professional Studies degree.

- *No credit for major or minor in Communication, Mass Communication, Integrated Strategic Communication, or Journalism.*

Introduces principles of effective organizational leadership and communication. Emphasizes the role of writing, speaking, analysis and research in organizational leadership. Prepares students to integrate content and skills from courses across the major.

Attributes: LE-S1 Written and Oral Communication, BPS Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSAS 350 Using Data to Make Decisions (3 crs)

Prerequisite: Limited to Organizational Leadership and Communication comprehensive majors, Bachelor of Professional Studies degree.

Students will learn basic research tools and methods--both qualitative and quantitative, grounded in the social sciences, to assist them in formulating and addressing real-world problems. Course will also address the application of appropriate technology tools including database management and statistical software.

Attributes: BPS Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSAS 399 Independent Study-Juniors (1-3 crs)

Prerequisite: Limited to students in the Bachelor of Professional Studies degree program. Junior standing.

Consent: Department Consent Required

Individual projects completed under the direction of a faculty member.

Attributes: BPS Flat Rate Tuition
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

PSAS 480 Organizational Leadership and Communication Capstone (3 crs)

Prerequisite: PSAS 350. Limited to Organizational Leadership and Communication comprehensive majors, Bachelor of Professional Studies degree. Senior standing.

- *No credit for major or minor in Communication, Mass Communication or Journalism.*

Culminating experience taken near the end of the major program. Students engage in collaborative research, internship, volunteer or other immersion experience resulting in a final project integrating the practice of skills with the application of knowledge from the major.

Attributes: LE-I1 Integration, LE-S3 Creativity, Capstone Course, BPS Flat Rate Tuition

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSAS 499 Independent Study-Seniors (1-3 crs)

Prerequisite: Limited to students in the Bachelor of Professional Studies degree program. Senior standing.

Consent: Department Consent Required

Individual projects completed under the direction of a faculty member.

Attributes: BPS Flat Rate Tuition
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

Professional Studies Business (PSB)

PSB 321 Business Communication for Today's Workforce (3 crs)

Prerequisite: Completion of University Writing Requirement, CJ 202, or equivalent competency. Limited to Organizational Leadership and Communication comprehensive major, BPS degree or by consent of the Academic Director for the BPS degree.

- *No credit toward any major or minor in the College of Business.*

Students focus on oral and written business communication theory and practice to enhance their communication skills. The use of technology for communicating in today's business environment is explored.

Attributes: BPS Flat Rate Tuition
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSB 350 Principles of Management and Leadership (3 crs)

Prerequisite: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies (BPS) degree or by consent of the Academic Director for the BPS degree.

- *No credit toward any major or minor in the College of Business.*

Managerial functions of planning, organizing, directing and controlling as they apply to organizations are discussed. Principles of leadership, motivation and project management as they relate to the role of individual and team applications are examined.

Attributes: BPS Flat Rate Tuition

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSB 360 Marketing and Selling Your Ideas (3 crs)

Prerequisite: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies (BPS) degree or by consent of the Academic Director for the BPS degree.

- *No credit toward any major or minor in the College of Business.*

The course examines how profit and non-profit organizations identify and evaluate customer needs by offering need-satisfying products and services. It examines how individuals can promote their ideas in a persuasive manner.

Attributes: BPS Flat Rate Tuition

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSB 370 Human Resource and Legal Issues in the Workplace (3 crs)

Prerequisite: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies (BPS) degree or by consent of the Academic Director for the BPS degree.

- *No credit toward any major or minor in the College of Business.*

Recruiting, selection, appraisal, training, reward systems and employee relations in the workplace are examined. Equal Opportunity Law and international human resource issues as well as basic workplace legal issues are addressed.

Attributes: Cultural Diversity 1 cr., BPS Flat Rate Tuition

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSB 380 Accounting for the Workplace (3 crs)

Prerequisite: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies (BPS) degree or by consent of the Academic Director for the BPS degree.

- *No credit toward any major or minor in the College of Business.*

An introduction to basic accounting concepts students encounter in their lives. Financial statements are analyzed to reveal the financial health of a person or organization and how to include financial information when making decisions about investing, borrowing and budgeting.

Attributes: BPS Flat Rate Tuition

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

Psychology (PSYC)

PSYC 100 Introduction to Psychology (3 crs)

Human behavior, learning, thinking, motivation, perception, emotion, behavior disorders, personality, psychological tests, social behavior, and selected applications of psychology.

Attributes: GE IIIE Social Science-Psychology, LE-K2 Social Sciences

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 101 Psychology as a Discipline and a Profession (1 cr)

Prerequisite: Limited to psychology majors and minors.

- *Concurrent enrollment with PSYC 100 is recommended.*

A laboratory course introducing students to bibliographic, reasoning, writing, and research skills in psychology. Discussion of specialties and careers in psychology. Students begin to develop their educational programs and portfolios.

Lecture/Discussion Hours: 0

Lab/Studio Hours: 2

PSYC 230 Human Development (3 crs)

Prerequisite: PSYC 100, PSYC 260 or PSYC 261.

Broad overview of theories and research on cognitive, social/emotional, and physical development from conception to death; environmental factors, such as family, school, peers, work, and cultural context; and biological factors that shape development.

Attributes: GE IIIE Social Science-Psychology, LE-K2 Social Sciences, LE-R1

Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 245 Social Psychology (3 crs)

Prerequisite: PSYC 100

The study of social and cultural influence. How others affect our thoughts, feelings, and actions. Core topics: social and self-perception, interpersonal attraction, helping behavior, attitudes, prejudice, persuasion, aggression, and group behavior.

Attributes: GE IIIE Social Science-Psychology

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 251 Abnormal Psychology (3 crs)

Prerequisite: PSYC 100. Credit may not be earned in both PSYC 251 and PSYC 350 or PSYC 351.

Exploration of psychological disorders with primary emphasis on their symptoms and the biological, psychological and socio-cultural factors that contribute to their development. Brief discussion of treatments for selected disorders.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 260 Educational Psychology (3 crs)

Prerequisite: No credit if taken after or concurrently with PSYC 261. Minimum sophomore standing.

The application of psychological principles to the teaching-learning process, particularly the teaching and learning that occur within the contexts of parenting and therapy. Specific topics include group and individual differences, learning theories, motivation, and assessment.

Attributes: GE IIIE Social Science-Psychology, LE-K2 Social Sciences

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 261 Psychological Development and Classroom Processes (4 crs)

Prerequisite: Completion of University Writing Requirement. No credit if taken after or concurrently with PSYC 231 or PSYC 260. Minimum sophomore standing.

Educational implications and applications of psychological research and theories of development, learning, and teaching of school-age children.

Attributes: GE IIIE Social Science-Psychology

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

PSYC 265 Statistical Methods in Psychology I (3 crs)

Prerequisite: Limited to psychology majors/minors. PSYC 100 or concurrent enrollment. A grade of C or above in MATH 20, or two years of college-preparatory algebra and a suitable mathematics placement test score.

Elementary and descriptive techniques for summarizing psychological data. Construction of graphs and tables. Central tendency, variability, correlation, introduction to statistical inference with t-tests, chi square, analysis of variance. Microcomputer use.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 1

PSYC 271 Methods of Research in Psychology (4 crs)

Prerequisite: MATH 246 or PSYC 265. Limited to psychology majors and minors or those with instructor consent

Experimental, correlational, longitudinal and cross-sectional, naturalistic/observational, quasi-experimental, qualitative, and case study/clinical methods of research in psychology. Analysis of published research. Data collection, analysis, and presentation of research reports in APA style.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

PSYC 281 Introduction to Behavior Analysis and Therapy (3 crs)

Prerequisite: PSYC 100. No credit if taken after PSYC 302 or PSYC 380.

Students acquire introductory skills in analyzing, understanding, and solving human and animal behavior problems. Methods for teaching, increasing, and decreasing behaviors are summarized.

Attributes: GE IIIE Social Science-Psychology, LE-I1 Integration, LE-K2 Social Sciences

Lecture/Discussion Hours: 2

Lab/Studio Hours: 1

PSYC 302 Principles of Learning (3 crs)

Prerequisite: PSYC 271 for psychology majors and minors; PSYC 100 or PSYC 260 for non-psychology majors and minors.

An introduction to the methods and findings within the study of classical (respondent) and instrumental (operant) conditioning, including appetitive and aversive conditioning, stimulus and cognitive control of behavior and remembering.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 1

PSYC 325 Theories of Counseling (3 crs)

Prerequisite: PSYC 100 or consent of instructor.

Established and developing perspectives on counseling theory and practice. Trait-factor, Psychoanalytic, Adlerian, Existential, Person-centered, Gestalt, Transactional Analysis, Behavioral, Rational-Emotive, Reality and Psychophysical approaches are presented and considered in depth.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 331 Child Psychology (3 crs)

Prerequisite: PSYC 100 or PSYC 260 or PSYC 261.

The developing child from conception to puberty. Emphasizes biological influences on development, intelligence and thought, language, personality, social development.

Attributes: GE IIIE Social Science-Psychology

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 332 Psychology of Adolescence (3 crs)

Prerequisite: PSYC 100 or PSYC 260 or PSYC 261.

Biological, cognitive, and social transitions of adolescence and contexts (families, peer groups, schools, and work/leisure) in which these are experienced. Psychosocial developments of adolescence, including identity, autonomy, intimacy, sexuality, and achievement, are discussed in depth.

Attributes: GE IIIE Social Science-Psychology, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 333 Psychology of Adulthood and Aging (3 crs)

Prerequisite: PSYC 100 or PSYC 260 or PSYC 261.

Intellectual, personality and social development from young adulthood through old age. Influence of biological factors and social context on psychological processes. Discussion of adult role demands: work, marriage, family, retirement, etc.

Attributes: GE IIIE Social Science-Psychology, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 334 Psychology of the Exceptional Child (3 crs)

Prerequisite: PSYC 100

A study of the psychological, sociological, historical, and educational factors influencing the development and adjustment of children with significant emotional, behavioral, social, or cognitive differences from the general population.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 336 Psychology of Women (3 crs)

Prerequisite: PSYC 100. Minimum sophomore standing.

• *Credit may not be earned in both PSYC 336 and WMNS 336.*

Advanced undergraduate/graduate seminar designed to examine how both traditional and feminist psychological theories and research apply to women's lives. Topics include sexuality, violence, gender roles, work, relationships, body image, reproduction, motherhood, and sexual orientation.

Attributes: Cultural Diversity 1 cr., GE IIIE Social Science-Psychology, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 340 Personality Psychology (3 crs)

Prerequisite: PSYC 271 or consent of instructor.

An overview of various perspectives on the structure and development of personality, including biological, trait, psychoanalytic, phenomenological, and social-learning. Theory and major lines of research are discussed within each perspective.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 346 Positive Psychology (3 crs)

Prerequisite: PSYC 271 or consent of instructor.

The study of positive aspects of well-being, health, and strength rather than negative aspects of disease, distress, and weakness. Individual qualities, activities/experiences, and institutions/communities that contribute to happiness and satisfaction.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 349 Psychology of Stigma, Prejudice and Intergroup Relations (3 crs)

Prerequisite: PSYC 271 or consent of instructor.

Individual, interpersonal and intergroup aspects of prejudice, discrimination and stigma. Research based strategies for identifying and reducing bias.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 353 Health Psychology (3 crs)

Prerequisite: PSYC 271 or consent of instructor

Health factors, research issues, and applications from the biopsychosocial perspective. Examines role of history, theory, science in contemporary health care practices. Research based focus upon mind/body stress link, treatment application, roles of health psychologists.

Attributes: Service-Learning, Half 15 Hours

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 354 Clinical Psychology (3 crs)

Prerequisite: PSYC 251 and PSYC 271, or consent of instructor.

Introduction to the profession of clinical psychology including the history and current state of the field, clinical assessment, diagnosis, psychotherapy, multicultural and ethical issues, and research. Specializations of health, forensic, and clinical-child psychology are reviewed.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 357 Ethics in Psychology (3 crs)

Prerequisite: PSYC 271 or consent of instructor.

Students will learn about ethical dilemmas of helping professionals and social scientists and how to apply ethical principles and standards when making ethical decisions in practice, research, and educational settings.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 360 Foundations of Psychological Measurement (3 crs)

Prerequisite: PSYC 100

Basic concepts and principles of measurement, including reliability and validity of intelligence, special aptitudes, achievement, psychological traits and characteristics.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 366 Statistical Methods in Psychology II (3 crs)

Prerequisite: PSYC 265

Frequently used inferential statistical techniques for the analysis of data in psychology.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 372 Individual Differences and Behavior Genetics (3 crs)

Prerequisite: PSYC 271 or consent of instructor.

• *No credit if taken after PSYC 491 with the same topic.*

Course introduces students to the structure of various individual differences attributes (abilities, personality, interests). Introduces behavioral genetic research designs that unravel the causal structure of individual differences and reviews exemplary findings from this research.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 373 Evolutionary Psychology (3 crs)

Prerequisite: PSYC 271 or consent of instructor.

• *No credit if taken after PSYC 491 with the same topic.*

Fundamentals of evolutionary psychology, grounded in natural and sexual selection. Review research and theory on human mating, friendship, parental investment, infants' knowledge of the physical world, aggression and warfare, status and dominance, emotion, rape, and jealousy.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 374 Cognitive Neuroscience (3 crs)

Prerequisite: IDIS 125 or consent of instructor.

Explores mind and behavior from a brain-based, information-processing perspective. Examines how neuroimaging (e.g., EEG and functional MRI) and lesion studies reveal mechanisms underlying perception, attention, movement, language, memory, decision-making, emotion, motivation, and social cognition.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 375 Behavioral and Clinical Neuroscience (3 crs)

Prerequisite: IDIS 125 or consent of the instructor.

Applications of neuroscience to understanding typical and atypical behaviors. In-depth discussion of neurological, psychological, and other disorders.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 376 Psychology of Perception (3 crs)

Prerequisite: PSYC 271 or consent of instructor.

Basic perceptual phenomena in the visual, auditory, olfactory, gustatory, tactile and proprioceptive senses, and related research methodology and physiology.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 377 Psychopharmacology (3 crs)

Prerequisite: PSYC 271 for psychology majors and minors. PSYC 100 for non-psychology majors and minors.

Examines drug and behavior relations from biological (e.g., pharmacological and physiological effects of drugs), behavioral, social, and historical perspectives. Topics include drug classification and scheduling, therapeutic effects of drugs, substance abuse prevention and treatment programs.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 379 Cognitive Psychology (3 crs)

Prerequisite: PSYC 271 or consent of instructor.

Human perception, attention, memory, knowledge, reasoning, and decision-making are examined. Major theories and research methods of the field are presented, and a critical understanding of both established and emerging elements of the discipline is promoted.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 380 Introduction to Behavior Modification (3 crs)

Prerequisite: PSYC 271 or consent of instructor.

Provides students thorough knowledge of the principles of behavior analysis as applied to human problems, the ethics of their use, and methods for evaluating their effectiveness.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 385 Practicum in Applied Behavior Analysis (3 crs)

Prerequisite: PSYC 380

Consent: Instructor Consent Required

The practicum is designed to provide an opportunity to apply the principles and methods of behavior analysis in various human service settings under close field supervision.

Attributes: Service-Learning, Full 30 Hours

Lecture/Discussion Hours: 3

Lab/Studio Hours: 8

PSYC 390 Advanced Applied Behavior Analysis (3 crs)

Prerequisite: PSYC 271 and PSYC 281, with a grade of B or above in PSYC 281, or consent of instructor.

Students will learn skills needed to plan, implement, and evaluate behavioral interventions in a variety of human services settings. Content will focus on functional assessment, ethics, and primary research in applied behavior analysis.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 395 Directed Studies (1-3 crs)

Consent: Department Consent Required

Students, with assistance of instructors, define a topic to study or develop a field placement in a setting related to psychology. Selected readings, weekly meetings with the instructor, and other assignments may also be required.

Repeat: Course may be repeated

PSYC 396 Research Apprentice in Psychology (1-3 crs)

Prerequisite: PSYC 100

Consent: Department Consent Required

Qualified students, recruited and supervised by an instructor, engage in original research in collaboration with the instructor. Research methods and current status of psychological knowledge are applied to create new knowledge.

Repeat: Course may be repeated

PSYC 397 Student Academic Apprenticeship in Psychology (1-3 crs)

Consent: Department Consent Required

- *Completion of the course (or equivalent) in which assisting with a minimum grade of B; at least nine semester credits and a 3.00 GPA in psychology.*

Qualified students, selected and supervised by faculty members, facilitate teaching and learning in a specific course or courses. Apprentices enhance their knowledge of psychology and their ability to communicate that knowledge.

Repeat: Course may be repeated

PSYC 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Student proposes an independent study project to an instructor. Projects may include library research, original empirical research, or placement in a setting related to psychology. Student works independently, with instructor providing oversight and limited guidance and assistance.

Repeat: Course may be repeated

PSYC 400 History and Systems of Psychology (3 crs)

Prerequisite: PSYC 100 or consent of instructor. Minimum senior standing.

This course traces the philosophical and scientific foundations of modern psychology, then delineates the strands of thought that define the field. Great persons in historical contexts are studied to understand psychology as it exists today.

Attributes: Capstone Course

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 401 Big Issues in Psychology (3 crs)

Prerequisite: PSYC 100 or consent of instructor. Minimum senior standing.

In this course students read and discuss primary literature--old and new--that revolves around enduring issues in psychological science.

Attributes: Capstone Course

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 412 Experimental Analysis of Behavior (3 crs)

Prerequisite: Grade of B or above in PSYC 390.

Methods, assumptions, basic principles, and recent developments in the psychology of learning primarily from a behavioral perspective. Survey of laboratory research with humans and animals providing a theoretical framework for describing these behavior-change concepts.

Attributes: Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 425 Applications of Psychology in Educational Settings (3 crs)

Prerequisite: Any one of the following: PSYC 230, PSYC 260, PSYC 261, PSYC 331, PSYC 332. Minimum senior standing.

Examination of psychological theories and research related to education, with specific emphasis on the application of learning theories in education.

Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 432 Advanced Developmental Psychopathology of Childhood and Adolescence (3 crs)

Prerequisite: PSYC 271 and either PSYC 331 OR PSYC 332. Minimum senior standing.

- *Credit may not be earned in both PSYC 432 and PSYC 632.*

Introduction to developmental psychopathology for childhood and adolescence. Emphasis is on typical and atypical child development and applied practice in psychology.

Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 435 Theories and Research in Developmental Psychology (3 crs)

Prerequisite: PSYC 230, PSYC 271, and one of the following: PSYC 331, PSYC 332, or PSYC 333.

Developmental psychology is the study of human cognitive, social, emotional, and physical change across time. Developmental theories and research will be reviewed, analyzed, and discussed.

Attributes: Cultural Diversity 1 cr., Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

PSYC 470 Senior Research Seminar (2 crs)

Prerequisite: All required courses, except PSYC 400 or PSYC 401.

Reading and discussion of current issues in psychology, completion of the psychology portfolio and exit survey, and presentation of an empirical research project or literature review.

Attributes: Capstone Course
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

PSYC 480 Internship in Behavior Analysis (3-6 crs)

Prerequisite: PSYC 281, consent of instructor
Consent: Instructor Consent Required

Students gain experience implementing interventions based on the methods and principles of behavior analysis to facilitate their preparation for national certification.

Attributes: Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering, Internship
Repeat: Course may be repeated for a maximum of 9 credits
Grading Basis: A-F Grades Only

PSYC 481 Internship in Applied Behavior Analysis II (3-6 crs)

Prerequisite: PSYC 480.
Consent: Instructor Consent Required

The internship is designed to provide experience for students in Applied Behavior Analysis and to prepare them for national certification. Students work in applied settings implementing interventions based on the principles of behavior.

Attributes: Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering, Internship
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

PSYC 491 Special Topics (1-3 crs)

Intensive study of a topic selected because of a special interest on the part of students or faculty.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated

PSYC 492 The Professional Practice of School Psychology: Role, Function, Ethics, and Legal (3 crs)

Prerequisite: One of: PSYC 230, PSYC 260, PSYC 261, PSYC 331 or PSYC 332; or consent of instructor. Minimum senior standing.

The purpose of this course is to introduce school psychology graduate students to the practice of school psychology. Topical areas of coverage include the role and function of a psychologist, ethical and legal practice, and critical issues in the field.

Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lab/Studio Hours: 0
Seminar Hours: 3

PSYC 498 Internship (1-3 crs)

Prerequisite: 12 credits of psychology.

Consent: Department Consent Required

- *Formal agreement between instructor, field supervisor, and student must be completed before registering. Criminal background checks may be required prior to internship.*

A field experience course in which students integrate knowledge of psychology with work in the community.

Attributes: Service-Learning Optional

Repeat: Course may be repeated for a maximum of 6 credits

PSYC 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Student proposes an independent study project to an instructor. Projects may include library research, original empirical research, or placement in a setting related to psychology. Student works independently, with instructor providing oversight and limited guidance and assistance.

Repeat: Course may be repeated

PSYC 525 Theories of Counseling (3 crs)

Prerequisite: PSYC 100 or consent of instructor.

- *Cross-listed with PSYC 325. Credit may not be earned in both courses.*

Established and developing perspectives on counseling theory and practice. Trait-factor, Psychoanalytic, Adlerian, Existential, Person-centered, Gestalt, Transactional Analysis, Behavioral, Rational-Emotive, Reality and Psychophysical approaches are presented and considered in depth.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 533 Psychology of Adulthood and Aging (3 crs)

Prerequisite: PSYC 100 or PSYC 260 or PSYC 261.

- *Cross-listed with PSYC 333. Credit may not be earned in both courses.*

Intellectual, personality and social development from young adulthood through old age. Influence of biological factors and social context on psychological processes. Discussion of adult role demands: work, marriage, family, retirement, etc.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 534 Psychology of the Exceptional Child (3 crs)

- *Cross-listed with PSYC 334. Credit may not be earned in both courses.*

A study of the psychological, sociological, historical, and educational factors influencing the development and adjustment of children with significant emotional, behavioral, social, or cognitive differences from the general population.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 536 Psychology of Women (3 crs)

- *Cross-listed with PSYC 336 and WMNS 336/WMNS 536. Credit may only be earned in one of these courses.*

Advanced undergraduate/graduate seminar designed to examine how both traditional and feminist psychological theories and research apply to women's lives. Topics include sexuality, violence, gender roles, work, relationships, body image, reproduction, motherhood, and sexual orientation.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 540 Personality Psychology (3 crs)

Prerequisite: PSYC 271 or consent of instructor.

- *Cross-listed with PSYC 340. Credit may not be earned in both courses.*

An overview of various perspectives on the structure and development of personality, including biological, trait, psychoanalytic, phenomenological, and social-learning. Theory and major lines of research are discussed within each perspective.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 546 Positive Psychology (3 crs)

Prerequisite: PSYC 271 or consent of instructor.

- *Cross-listed with PSYC 346. Credit may not be earned in both courses.*

The study of positive aspects of well-being, health, and strength rather than negative aspects of disease, distress, and weakness. Individual qualities, activities/experiences, and institutions/communities that contribute to happiness and satisfaction.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 549 Psychology of Stigma, Prejudice and Intergroup Relations (3 crs)

- *Cross-listed with PSYC 349. Credit may not be earned in both courses.*

Individual, interpersonal and intergroup aspects of prejudice, discrimination and stigma. Research based strategies for identifying and reducing bias.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 557 Ethics in Psychology (3 crs)

Prerequisite: PSYC 271 or consent of instructor.

- Cross-listed with PSYC 357. Credit may not be earned in both courses.

Students will learn about ethical dilemmas of helping professionals and social scientists and how to apply ethical principles and standards when making ethical decisions in practice, research, and educational settings.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 560 Foundations of Psychological Measurement (3 crs)

- Cross-listed with PSYC 360. Credit may not be earned in both courses.

Basic concepts and principles of measurement, including reliability and validity of intelligence, special aptitudes, achievement, psychological traits and characteristics.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 566 Statistical Methods in Psychology II (3 crs)

Prerequisite: PSYC 265

- Cross-listed with PSYC 366. Credit may not be earned in both courses.

Frequently used inferential statistical techniques for the analysis of data in psychology.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 572 Individual Differences and Behavior Genetics (3 crs)

Prerequisite: PSYC 271 or consent of instructor.

- Cross-listed with PSYC 372. Credit may not be earned in both courses. No credit if taken after PSYC 491 with the same topic.

Course introduces students to the structure of various individual differences attributes (abilities, personality, interests). Introduces behavioral genetic research designs that unravel the causal structure of individual differences and reviews exemplary findings from this research.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 573 Evolutionary Psychology (3 crs)

Prerequisite: PSYC 271 or consent of instructor.

- Cross-listed with PSYC 373. Credit may not be earned in both courses. No credit if taken after PSYC 491 with the same topic.

Fundamentals of evolutionary psychology, grounded in natural and sexual selection. Review research and theory on human mating, friendship, parental investment, infants' knowledge of the physical world, aggression and warfare, status and dominance, emotion, rape, and jealousy.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 574 Cognitive Neuroscience (3 crs)

Prerequisite: IDIS 125 or consent of instructor.

- Cross-listed with PSYC 374. Credit may not be earned in both courses.

Explores mind and behavior from a brain-based, information-processing perspective. Examines how neuroimaging (e.g., EEG and functional MRI) and lesion studies reveal mechanisms underlying perception, attention, movement, language, memory, decision-making, emotion, motivation, and social cognition.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 575 Behavioral and Clinical Neuroscience (3 crs)

Prerequisite: IDIS 125

- Cross-listed with PSYC 375. Credit may not be earned in both courses.

Applications of neuroscience to understanding typical and atypical behaviors. In-depth discussion of neurological, psychological, and other disorders.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 576 Psychology of Perception (3 crs)

Prerequisite: PSYC 271 or consent of instructor.

- Cross-listed with PSYC 376. Credit may not be earned in both courses.

Basic perceptual phenomena in the visual, auditory, olfactory, gustatory, tactile and proprioceptive senses, and related research methodology and physiology.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 577 Psychopharmacology (3 crs)

Prerequisite: PSYC 271

- *Cross-listed with PSYC 377. Credit may not be earned in both courses.*

Examines drug and behavior relations from biological (e.g., pharmacological and physiological effects of drugs), behavioral, social, and historical perspectives. Topics include drug classification and scheduling, therapeutic effects of drugs, substance abuse prevention and treatment programs.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 579 Cognitive Psychology (3 crs)

Prerequisite: PSYC 271 or consent of instructor.

- *Cross-listed with PSYC 379. Credit may not be earned in both courses.*

Human perception, attention, memory, knowledge, reasoning, and decision-making are examined. Major theories and research methods of the field are presented, and a critical understanding of both established and emerging elements of the discipline is promoted.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 580 Introduction to Behavior Modification (3 crs)

Prerequisite: PSYC 271 or consent of instructor.

- *Cross-listed with PSYC 380. Credit may not be earned in both courses.*

Provides a thorough knowledge of the principles of behavior analysis as applied to human problems, the ethics of their use, and methods for evaluating their effectiveness.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 590 Advanced Applied Behavior Analysis (3 crs)

Prerequisite: PSYC 271 and PSYC 281, with a grade of B or above in PSYC 281, or consent of instructor.

- *Cross-listed with PSYC 390. Credit may not be earned in both courses.*

Students will learn skills needed to plan, implement, and evaluate behavioral interventions in a variety of human services settings. Content will focus on functional assessment, ethics, and primary research in applied behavior analysis.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 612 Experimental Analysis of Behavior (3 crs)

Prerequisite: Grade of B or above in PSYC 390/PSYC 590.

- *Cross-listed with PSYC 412. Credit may not be earned in both courses.*

Methods, assumptions, basic principles, and recent developments in the psychology of learning primarily from a behavioral perspective. Survey of laboratory research with humans and animals providing a theoretical framework for describing these behavior-change concepts.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 625 Applications of Psychology in Educational Settings (3 crs)

- *Cross-listed with PSYC 425. Credit may not be earned in both courses.*

Examination of psychological theories and research related to education, with specific emphasis on the application of learning theories in education.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 632 Advanced Developmental Psychopathology of Childhood and Adolescence (3 crs)

- *Cross-listed with PSYC 432. Credit may not be earned in both courses..*

Introduction to developmental psychopathology for childhood and adolescence. Emphasis is on typical and atypical child development and applied practice in psychology.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 635 Theories and Research in Developmental Psychology (3 crs)

Prerequisite: PSYC 230, PSYC 271, and one of the following: PSYC 331, PSYC 332, or PSYC 333.

- *Cross-listed with PSYC 435. Credit may not be earned in both courses.*

Developmental psychology is the study of human cognitive, social, emotional, and physical change across time. Developmental theories and research will be reviewed, analyzed, and discussed.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 680 Internship in Behavior Analysis (3-6 crs)

Prerequisite: PSYC 281, consent of instructor

Consent: Instructor Consent Required

- *Cross-listed with PSYC 480. Credit may not be earned in both courses.*

Students gain experience implementing interventions based on the methods and principles of behavior analysis to facilitate their preparation for national certification.

Attributes: Internship

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: No S/U Grade Option

PSYC 681 Internship in Applied Behavior Analysis II (3-6 crs)

Prerequisite: PSYC 480/PSYC 680

Consent: Instructor Consent Required

- *Cross-listed with PSYC 481.*

The internship is designed to provide experience for students in Applied Behavior Analysis and to prepare them for national certification. Students work in applied settings implementing interventions based on the principles of behavior.

Attributes: Internship

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

PSYC 691 Special Topics (1-3 crs)

- *Cross-listed with PSYC 491. Graduate standing required.*

Intensive study of a topic selected because of a special interest on the part of students or faculty. Proposed topics include: The Works of B. F. Skinner, The Measurement of Interests, and Psychology of Consciousness.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

PSYC 692 The Professional Practice of School Psychology: Role, Function, Ethics, and Legal Issues (3 crs)

- *Cross-listed with PSYC 492. Credit may not be earned in both courses.*

The purpose of this course is to introduce school psychology graduate students to the practice of school psychology. Topical areas of coverage include the role and function of a psychologist, ethical and legal practice, and critical issues in the field.

Grading Basis: A-F Grades Only

Lab/Studio Hours: 0

Seminar Hours: 3

PSYC 720 Advanced Educational Psychology (3 crs)

Prerequisite: PSYC 260 or teacher licensure

- *Admission to the EDS School Psychology program or teacher licensure required.*

Psychological principles and theories related to education are examined, particularly those surrounding human development, learning, motivation, technology, and assessment.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 725 Counseling I (2 crs)

- *Limited to graduate students in the school psychology program.*

Introduction to fundamental counseling and consultation techniques.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

PSYC 726 Counseling II (2 crs)

Prerequisite: PSYC 725

- *Limited to graduate students in the school psychology program.*

Advanced counseling and consultation techniques with emphasis on supervised practice. A continuation of Counseling I to provide training experiences related to individual and group counseling of children with specific problems/crises.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

PSYC 760 Psychoeducational Assessment I and II (4 crs)

- *Students must enroll for two semesters. Limited to graduate students in the school psychology program.*

School psychology assessment procedures are studied using theoretical readings and applied practice. Test administration and interpretation, psychometric theory, and oral and written reporting are covered. Emphasis on cognitive, academic, and social/emotional areas.

Attributes: Special Course Fee Required

Repeat: Course may be repeated for a maximum of 8 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

PSYC 761 Practicum in Assessment (2 crs)

Prerequisite: Registration in PSYC 760.

- *Limited to graduate students in the school psychology program.*

Practicum Hours: 2Practicum that focuses on building assessment skills through practice assessment experiences and participation in supervised clinical evaluations as a clinical team member.

Repeat: Course may be repeated for a maximum of 4 credits

Grading Basis: No S/U Grade Option

Lab/Studio Hours: 0

PSYC 781 School Based Consultation (3 crs)

Prerequisite: PSYC 380/PSYC 580

- *Limited to graduate students in the school psychology program.*

Approaches to school consultation are studied through practice and theoretical readings. Students complete a case project emphasizing functional assessment and problem solving consultation.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3 Lab/Studio Hours: 0

PSYC 784 Multicultural Practicum in School Psychology (1 cr)

Prerequisite: Admitted to the Ed.S. certification phase of the school psychology program, ^second year school psychology students.

Consent: Department Consent Required

- Limited to graduate students in the school psychology program.

Students complete part of their Practicum in the Schools requirement at the Lac du Flambeau school under the supervision of their school psychologist. Students participate in community orientation, assessment, intervention, and classroom consultation activities.

Grading Basis: No S/U Grade Option

PSYC 785 Practicum: School Psychology (3 crs)

- Student must enroll for two semesters. Six credits required. Limited to graduate students in the school psychology program.

Supervised experiences within school settings. Students develop skills required for delivery of school psychological services. Four professional skill domains are emphasized: (1) assessment; (2) intervention; (3) consultation; and (4) collaboration with educational professionals.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

PSYC 786 Practicum: Clinical Settings (1-3 crs)

- Limited to graduate students in the school psychology program.

Practicum involving supervised casework in a clinical setting. Students perform assessment, consultation, and intervention with clients of the Human Development Center or Psychological Services Center.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

PSYC 787 Internship in School Psychology (3 crs)

- Full-time equivalent. Student must enroll for two semesters. Recommendation for Initial License in School Psychology. Six credits required. Phase 3, Internship Phase of training requires a minimum of 1,200 hours of supervised professional experience in an approved placement setting(s), 600 hours must be completed in the public schools. Application and approval procedures and internship requirements are detailed in the Internship Handbook.

Full school year of supervised internship within the public school setting for the student preparing for School Psychologist certification. Includes full-scale involvement in school psychological services and accompanying seminar.

Attributes: Internship

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

PSYC 792 Research and Program Evaluation in School Psychology (3 crs)

- Limited to graduate students in the school psychology program.

Identification of research problems, analysis and synthesis of literature, research methodology, and program evaluation. Students complete research project or thesis proposal.

Grading Basis: No S/U Grade Option

Lab/Studio Hours: 0

Seminar Hours: 3

PSYC 793 Special Topics (1-3 crs)

Content determined by the needs of students and interests of psychology faculty. Presents emerging concepts and methods in psychology.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

PSYC 795 Research Paper (1-2 crs)

Repeat: Course may be repeated

Grading Basis: PR Only Grade Basis

PSYC 796 Evidence-based Intervention in School Psychology (3 crs)

Prerequisite: PSYC 791

- Limited to graduate students in the school psychology program.

This course will expose students to individual and systems-level academic, behavioral, emotional, and social interventions used in school-based settings. All interventions will be discussed within the context of evidence-based practice as well as direct and indirect service delivery.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

PSYC 799 Thesis (1-3 crs)

- Full-time equivalent. Limited to graduate students in the school psychology program.

A description of acceptable topics and the precise nature of the thesis requirement is provided in the departmental program descriptions.

Repeat: Course may be repeated for a maximum of 3 credits

Grading Basis: PR Only Grade Basis

Religious Studies (RELS)

RELS 100 Introduction to the Religions of the World (3 crs)

Basic teachings of the world's major religions including tribal traditions, Western religions (Judaism, Christianity, and Islam), Indian religions (Hinduism and Buddhism), and Far Eastern religions (Confucianism, Taoism, and Shinto).

Attributes: Foreign Culture, Cultural Diversity 1 cr., GE IVB Humanities-Philosophy/Religious Studies, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 110 Basic Issues in Religion (3 crs)

A study of the meaning of religion, the nature of religious thought, and an examination of such issues as God, salvation, evil, and selected topics in the relation between religion and the secular world.

Attributes: Foreign Culture, GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 203 Women and World Religions (3 crs)

• *Credit may not be earned in both RELS 203 and WMNS 203. No credit if taken after ANTH 354 or RELS 354.*

Surveys women's religious lives historically and cross-culturally, focusing on pre-patriarchal religions and non-Western traditions. Attention will be given to goddesses in world religions. The course will end with feminist issues in world religions.

Attributes: Foreign Culture, Cultural Diversity 1 cr., GE IVB Humanities-Philosophy/Religious Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 210 Religion and Morality (3 crs)

Relations between religious meanings and moral values among majority and minority religions of Eastern and Western cultures.

Attributes: Foreign Culture, GE IVB Humanities-Philosophy/Religious Studies, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 230 Old Testament/Hebrew Bible (3 crs)

Scriptural heritage from ancient Israel which has profoundly influenced Western civilization; the resources of recent Biblical studies are utilized.

Attributes: GE IVB Humanities-Philosophy/Religious Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 240 New Testament (3 crs)

Prerequisite: One course in religious studies.

A unified study of the New Testament from historical, theological, and literary perspectives. Contributions of recent Biblical scholarship included.

Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 290 Sacred Earth: Religion and Nature (3 crs)

Sacred Earth explores the historical, cultural, religious, and spiritual concerns of humanity's relationship with "Nature" and environments, converging varieties or cultural expressions of the "sacred earth" in religious traditions, contemporary society, environmentalism, and science.

Attributes: Foreign Culture, Cultural Diversity 1 cr., GE IVB Humanities-Philosophy/Religious Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 291 Special Topics (1-3 crs)

Topics, issues, literature, or movements not typically covered in regular religious study courses and of special interest to students and faculty.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 303 Early Christianity (3 crs)

Prerequisite: One course in religious studies or philosophy.

Principal ideas, movements, and persons in the development of Christianity from the New Testament Church to the Reformation.

Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 304 Modern Christianity (3 crs)

Prerequisite: One course in religious studies or philosophy.

Principal ideas, movements, and persons in the development of Christianity from the Reformation to the twenty-first century.

Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 307 Judaism (3 crs)

Judaism from its earliest times to the twenty-first century, including its history, literature, and lifestyles.

Attributes: GE IVB Humanities-Philosophy/Religious Studies, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

RELS 309 Islam (3 crs)

Prerequisite: One course in religious studies.

Introduction to the main elements of Islam, through study of its history, the role of Muhammad, the Qur'an, basic beliefs and observances, the dynamics of the movement, and its current world status and influence.

Attributes: Foreign Culture, GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

RELS 312 Buddhism: Past and Present (3 crs)

Prerequisite: One course in religious studies or philosophy.

Study of central teachings, practices, and institutions of major sects of Buddhism, both past and present. Emphasis on development of Buddhist thought in India and on Buddhism as practiced by several contemporary forms of Buddhism.

Attributes: Foreign Culture, GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities, LE-R2 Global Perspectives

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

RELS 313 Tibetan Buddhism (3 crs)

Prerequisite: RELS 100 or RELS 312 or consent of instructor

Explores Tibetan Buddhism through Tibetan literature in translation and studies of Tibetan history and culture. Main themes are creative tensions between elite and popular religion, domestication of Buddhism in Tibet, and ongoing development of Tibetan Buddhism in the contemporary world.

Attributes: Foreign Culture, GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities, LE-R2 Global Perspectives

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

RELS 314 Hinduism (3 crs)

Prerequisite: One course in religious studies or philosophy.

A survey of aspects of Hinduism utilizing secondary and primary sources. The Upanishads, Yoga, Tantrism, village and temple Hinduism. Emphasis on philosophical developments and lifestyles.

Attributes: Foreign Culture, GE IVB Humanities-Philosophy/Religious Studies

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

RELS 315 Psychology of Religion (3 crs)

Prerequisite: One course in religious studies or philosophy.

An examination of the human experience, using languages of psychology and religion to understand what religion means.

Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-I1 Integration

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

RELS 323 Chinese and Japanese Religions (3 crs)

Prerequisite: One course in religious studies or philosophy. No credit if taken after RELS 317, RELS 319 and/or RELS 320.

Examines the formative religions of China and Japan, including Chinese and Japanese folk religions, the Religion of the I Ching (Yin/Yang), Confucianism, Taoism, Neo-Confucianism, and Shinto.

Attributes: Foreign Culture, GE IVB Humanities-Philosophy/Religious Studies

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

RELS 326 Asian Religious Philosophies (3 crs)

Prerequisite: RELS 312, RELS 314, or RELS 323; or one course in philosophy or consent of instructor.

- *Credit may not be earned in both PHIL 326 and RELS 326.*

Philosophical approaches to major religious traditions of India, China, and Japan. Included will be Hindu, Buddhist, Yin-Yang, Taoist, and Neo-Confucian thinkers. The course will conclude with a consideration of the Kyoto School's attempted synthesis of Western and Eastern thought.

Attributes: GE IVB Humanities-Philosophy/Religious Studies

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

RELS 330 Indigenous Religions of the Americas (3 crs)

Prerequisite: One course in RELS, PHIL, AIS, LAS, or consent of instructor.

- *Credit may not be earned in both RELS 330 and AIS 330.*

This course will introduce indigenous religions in the cultural contexts of Latin America and North American Indian nations. It will study historical religious development from Pre-Columbian, through colonial experience, to present day cultural movements.

Attributes: Foreign Culture, Cultural Diversity 2 cr., GE IVB Humanities-Philosophy/Religious Studies

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

RELS 334 Music in Judaism, Christianity and Islam (3 crs)

Prerequisite: One course in religious studies.

- No credit if taken after IDIS 354 when offered as Music of Devotion.

This course addresses music in Judaism, Christianity, and Islam. A variety of traditional and contemporary musical styles will be considered, with emphasis on how these styles have shaped Jewish, Christian, and Muslim devotion.

Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 342 African American Religion (3 crs)

Prerequisite: One RELS course or permission of the instructor.

- No credit if taken after RELS 490 when offered as African American Religious Experience.

Lecture/Discussion Hours: 3 An examination of African American religion in the past and present. In addition to a substantial focus on the Christian tradition, significant attention is given to other perspectives including Vodou and the Nation of Islam.

Attributes: Cultural Diversity 3 cr., GE IVB Humanities-Philosophy/Religious Studies, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lab/Studio Hours: 0

RELS 345 Philosophy of Religion (3 crs)

Prerequisite: One course in philosophy or consent of instructor or RELS 210, RELS 315, RELS 350, RELS 470; or RELS 353/WMNS 353; or RELS 450/PHIL 450.

- Credit may not be earned in both PHIL 345 and RELS 345.

Critical study of the subject of religion, including the nature, grounds, and limits of religious claims.

Attributes: GE IVB Humanities-Philosophy/Religious Studies, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 348 Religious Themes in Literature (3 crs)

An exploration of religious beliefs and practices of diverse people through literature. A portion of the course will focus on works of African American, Native American, Hispanic American, and Southeast Asian American authors.

Attributes: Cultural Diversity 1 cr., GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 378 The Holocaust, 1933-1945 (3 crs)

The destruction by the Nazis of Jewish life in Europe, with reference to its sociological and political dimensions.

Attributes: GE IVB Humanities-Philosophy/Religious Studies
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 390 Religion in America (3 crs)

Prerequisite: One course in religious studies.

America's many religious traditions from the colonial period to the present, emphasizing diversity of religious expressions, development and transformation on American soil, commonalities and conflicts, and challenges to a pluralistic United States.

Attributes: Cultural Diversity 1 cr., GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 395 Directed Studies (1-3 crs)

Prerequisite: Minimum sophomore standing.

Consent: Department Consent Required

Study of a particular problem or special area in the field of comparative religion studies.

Repeat: Course may be repeated

RELS 396 Research Apprenticeship in Religious Studies (1-3 crs)

Prerequisite: One course in religious studies.

Consent: Department Consent Required

Qualified students, recruited and closely supervised by an instructor, engage in a research project with the faculty member.

Repeat: Course may be repeated for a maximum of 3 credits

RELS 397 Student Academic Apprenticeship in Religious Studies (1-3 crs)

Prerequisite: One course in religious studies.

Consent: Department Consent Required

Qualified students, selected and supervised by an instructor, assist teaching and learning in a course within the department while working closely with a faculty member.

Attributes: Service-Learning Optional Half

Repeat: Course may be repeated for a maximum of 3 credits

RELS 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

RELS 470 The Problem of Evil (3 crs)

Prerequisite: Two courses in religious studies. Limited to religious studies majors and minors, or consent of instructor.

Exploration of the problem of evil for Eastern and Western religious thought. Theological, philosophical, psychological, and popular cultural explanations will be examined.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

RELS 490 Seminar in Religious Studies (3 crs)

Prerequisite: Limited to religious studies majors and minors. Minimum junior standing, or consent of instructor.

The content of the seminar is determined by the department in designating the instructor.

Attributes: LE-S3 Creativity

Repeat: Course may be repeated

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

RELS 491 Special Topics (1-3 crs)

Prerequisite: Minimum sophomore standing.

- *May be repeated if topics differ with permission of adviser or department chair.*

Content will be determined by initiative of students and department, such as topics in comparative religions, scriptural research, historical and systematic theology, sects, and movements.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

RELS 498 Internship in Religious Studies (1-3 crs)

Prerequisite: Limited to religious studies majors and minors.

Consent: Department Consent Required

Assignment in an area of religious studies emphasizing practical experience in the technical or professional aspects of the discipline. Interns will work closely with a professional in the field.

Attributes: Service-Learning Optional Half, Internship

Repeat: Course may be repeated for a maximum of 3 credits

RELS 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

RELS 507 Judaism (3 crs)

- *Cross-listed with RELS 307. Credit may not be earned in both courses.*

Judaism from its earliest times to the twenty-first century, including its history, literature, and lifestyles.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

RELS 545 Philosophy of Religion (3 crs)

Prerequisite: One course in philosophy or consent of instructor or RELS 210, RELS 315, RELS 350, RELS 470; or RELS 353/WMNS 353; or RELS 450/PHIL 450.

- *Cross-listed with RELS 345 and PHIL 345/PHIL 545. Credit may only be earned in one of these courses.*

Critical study of the subject of religion, including the nature, grounds, and limits of religious claims.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

RELS 797 Independent Study (1-3 crs)

Individual project under the direction of a faculty member.

Repeat: Course may be repeated for a maximum of 3 credits

Grading Basis: No S/U Grade Option

Russian (RUSS)

RUSS 101 Beginning Russian I (4 crs)

A foundation in spoken and written Russian, listening and reading comprehension, grammatical usage, and cultural backgrounds.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

RUSS 102 Beginning Russian II (4 crs)

Prerequisite: RUSS 101

Continuation of Russian 101.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

Social Work (SW)

SW 100 Introduction to Social Welfare (3 crs)

- *Coordinating Department: Social Work.*

Introduces institutions, values, political perspectives influencing and structuring the well-being of people.

Attributes: GE V University Wide, LE-I1 Integration, LE-R2 Global Perspectives

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SW 220 Interpersonal Skills (3 crs)

Prerequisite: IDIS 100. Limited to pre-social work majors.
Consent: Department Consent Required

Knowledge about self and interaction with others. Impact of culture on communications. Development of sensitivity to cultural diversity. Integration of knowledge, values, ethics, and skills with a professional sense of self.

Grading Basis: No Auditors
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SW 290 Human Rights and Global Justice (3 crs)

Prerequisite: IDIS 100

Human Rights and Global Justice provides a basic understanding of universal human rights and global justice. Social issues will be explored from a variety of perspectives, and field visits to local agencies/programs are required.

Attributes: LE-R2 Global Perspectives, LE-R3 Civic and Environmental Issues, Service-Learning, Full 30 Hours, Field Trip(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 1

SW 291 Special Topics (1-3 crs)

Issues of current interest in the field of social work.

SW 309 Community-based Corrections (3 crs)

Social work in prevention and treatment of crime and delinquency. Traditional and emerging community-based programs considered.

Attributes: Field Trip(s) Required, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SW 315 Aging and the Aged (3 crs)

- *Criminal background check required.*

The process of aging, its problems, effects on society, needs of the aged, and social services to the aged. The 30-hour service-learning requirement is in addition to other class assignments.

Attributes: Service-Learning, Full 30 Hours, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SW 320 Generalist Social Work Practice with Individuals (3 crs)

Prerequisite: SW 335. Admission to Social Work program required.

Introduction to basic theories and methods of social work practice. Applied laboratory dimension focuses on professional communication skills with individuals (interviewing and writing). Linkages made to practice with families, groups, and communities.

Grading Basis: No Auditors
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

SW 323 Methods of Social Work Research (3 crs)

Prerequisite: IDIS 100, SW 285 or SW 290, PSYC 265 or MATH 246. Admission to social work program required.

Critical reading, evaluation of practice, and conducting basic social work research.

Attributes: LE-S3 Creativity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SW 335 Human Behavior and the Social Environment (3 crs)

Prerequisite: IDIS 100; SW 220, SW 285 or SW 290; PSYC 100, PSYC 230; SOC 101; BIOL 151. Limited to social work majors.
Consent: Department Consent Required

Interactions between persons and their social environments. Impact of functioning of communities, groups, families, and individuals on each other. Emphasis on dynamics of discrimination and oppression, and effects of race and racism, poverty, gender, sexual orientation.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SW 360 Death and Bereavement (3 crs)

Prerequisite: SOC 101 or PSYC 100 or consent of instructor. Minimum sophomore standing.

- *Credit may not be earned in both SW 360/SW 560 and NRS 360/NRS 560. No credit if taken after SOC 318, PSYC 339 or SW 350.*

Through the study of current theory and research, this interdisciplinary course is designed to facilitate student understanding of death and bereavement from a lifespan, family, and cultural perspective.

Attributes: Wellness Theory, GE V University Wide, Undergraduate/Graduate Offering, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SW 383 Social Welfare Policies and Programs (3 crs)

Prerequisite: IDIS 100, SW 285 or SW 290, POLS 301; ECON 201, or ECON 103 and ECON 104, or consent of instructor. Admission to social work program required.

Structure and content of social welfare policies; models of policy analysis; policy development; ethics. Emphasis on oppression, discrimination, and the social values of adequacy, equity, and social and economic justice, especially for oppressed and at-risk populations.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SW 385 Child Welfare (3 crs)

Service systems for dependent, neglected, abused, or delinquent children.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SW 395 Directed Studies (1-3 crs)

Consent: Department Consent Required

- A maximum of nine credits earned in *Directed Studies, Independent Studies and Instructional Assistant* may count toward the major. Section 10 – *Building Bridges*—special course fee required for criminal background check.

Social work study approved by supervising instructor and department chair.

Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No Auditors

SW 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Limited to social work majors. Minimum resident and total GPA of 3.00.

Consent: Department Consent Required

- A maximum of nine credits earned in *Directed Studies, Independent Studies and Instructional Assistant* may count toward the major.

Intensive study culminating in a paper suitable for publication.

Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: No Auditors

SW 402 Instructional Assistant in Social Work (1-3 crs)

Consent: Department Consent Required

- Completion of the course in which assisting with a minimum grade of B, admission to the social work major, a 3.00 or higher GPA in social work prefix courses, approval of faculty instructional assistant supervisor and department chair. A maximum of nine credits earned in *Directed Studies, Independent Studies and Instructional Assistant* may count toward the major.

Qualified students, selected and supervised by faculty members, facilitate teaching and learning in a specific course. Instructional assistants enhance their knowledge of social work, and their ability to communicate that knowledge and facilitate group process.

Repeat: Course may be repeated for a maximum of 6 credits

SW 405 Ethnic-Sensitive Social Work Practice (3 crs)

Prerequisite: SW 320. Admission to social work program required.

Understanding different minority groups of color with special focus on social services, programs, and ethnic-sensitive practice issues.

Attributes: Cultural Diversity 3 cr., Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SW 424 Alcohol and Other Drug Abuse (3 crs)

Diagnosis, causal theories, current treatment methods, prognosis, and prevention related to the field of alcohol and other drug abuse.

Attributes: Wellness Theory, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SW 471 Generalist Social Work Practice with Families/Groups (3 crs)

Prerequisite: SW 320. Admission to social work program required.

Knowledge, skills, values, and ethics related to social work practice with diverse, oppressed, and at-risk families and treatment groups. Applied laboratory dimension focuses on professional communication and assessment skills with families and groups.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

SW 472 Generalist Social Work Practice with Communities/Organizations (3 crs)

Prerequisite: SW 323 and SW 471. Admission to social work program required.

Knowledge, skills, values, and ethics related to social work practice in task groups, communities, organizations, and society. Emphasis on diversity, social and economic justice, and empowerment, especially for oppressed and at-risk groups, organizations, and communities.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SW 481 Social Work Internship (6-12 crs)

Consent: Department Consent Required

- Course may be taken for 6 or 12 credits (six credit maximum during the summer). Six credit sections must be sequential. Acceptance as specified under criteria for admission into the internship (see internship admission requirements), criminal background check required. Transportation required at some placements.

Placement in social welfare agency for professional social work practice experience for one or two semesters. This course is the capstone experience wherein students integrate and apply learning to the work setting.

Attributes: LE-11 Integration, Service-Learning, Full 30 Hours, Internship
Repeat: Course may be repeated for a maximum of 12 credits

SW 482 Social Work Internship - International (12 crs)

Prerequisite: SW 323, SW 383, SW 405, and SW 471, and SW GPA of 2.50 or higher.

Consent: Department Consent Required

- *Acceptance as specified under criteria for admission into the internship (see internship admission requirements), criminal background check required. Transportation to the internship site arranged by the student.*

Placement in an international social welfare agency for professional social work practice experience for one semester. This course is the capstone experience where students integrate and apply learning to the work setting.

Attributes: Service-Learning, Full 30 Hours, Capstone Course, Internship, Special Course Fee Required

SW 489 Social Work in Mental Health Settings (3 crs)

This course will provide basic knowledge and skills necessary to practice effective and competent bachelor level social work in a variety of settings with people challenged by a mental illness.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SW 491 Special Topics (1-3 crs)

Selected social work issues of current interest that affect practice.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

SW 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Limited to social work majors. Minimum resident and total GPA of 3.00.

Consent: Department Consent Required

- *A maximum of nine credits earned in Directed Studies, Independent Studies and Instructional Assistant may count toward the major.*

Intensive study culminating in a paper suitable for publication.

Repeat: Course may be repeated for a maximum of 6 credits

SW 560 Death and Bereavement (3 crs)

Prerequisite: SOC 101 or PSYC 100 or consent of instructor.

- *Cross-listed with SW 360 and NRS 360/NRS 560. Credit may only be earned in one of these courses. No credit if taken after SOC 318, PSYC 339 or SW 350.*

Through the study of current theory and research, this interdisciplinary course is designed to facilitate student understanding of death and bereavement from a lifespan, family, and cultural perspective.

Attributes: Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SW 605 Ethnic-Sensitive Social Work Practice (3 crs)

Prerequisite: SW 320

- *Cross-listed with SW 405. Credit may not be earned in both courses.*

Understanding different minority groups of color with special focus on social services, programs, and ethnic-sensitive practice issues.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SW 624 Alcohol and Other Drug Abuse (3 crs)

- *Cross-listed with SW 424. Credit may not be earned in both courses.*

Diagnosis, causal theories, current treatment methods, prognosis, and prevention related to the field of alcohol and other drug abuse.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SW 691 Special Topics (1-3 crs)

- *Cross-listed with SW 491.*

Selected social work issues of current interest that affect practice.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

Sociology (SOC)

SOC 101 Introduction to Sociology (3 crs)

Introduces students to sociological perspectives of human social behavior, social structures, interaction, socialization, culture, institutions, and social change.

Attributes: GE IIIIF Social Science-Sociology, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 164 Family and Intimate Relationships (3 crs)

- *Credit may not be earned in both SOC 164 and WMNS 164.*

An introduction to dating, cohabitation, family formation, and marriage. Addresses the family as a social institution as well as changes in families. Attention to current issues in relationships and families.

Attributes: GE IIIIF Social Science-Sociology, LE-K2 Social Sciences

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 202 Women and Men in Society: The Sociology of Gender (3 crs)

• *Credit may not be earned in both SOC 202 and WMNS 202.*

An examination of women's and men's relationships and roles in the United States and in other societies; the development and consequences of gender identity and gender roles for individuals, relationships, and society.

Attributes: GE IIF Social Science-Sociology, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 242 Contemporary Social Problems (3 crs)

Sociological perspectives are applied to the identification, analysis, explanations, and solutions to social problems of contemporary American society.

Attributes: GE IIF Social Science-Sociology

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 291 Special Topics--Issues in Sociology (3 crs)

• *A sum total of nine credits of SOC 291 and SOC 491 may be counted toward the major and six credits toward the minor. Topic must differ to repeat.*

A close examination of a topic selected because of special interest on the part of students or faculty. Sample topics include: Sociology of Sport, Environmental Sociology, and Sociology of Youth.

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 301 Environmental Sociology (3 crs)

Prerequisite: SOC 101

• *No credit if taken after SOC 491 when offered as Environmental Sociology.*

The course reviews sociological theories that explain environmental changes; it concentrates on sociological causes, consequences, and responses to such environmental challenges as climate change, ozone depletion, acid rain, land-air-water pollution, deforestation, desertification, and interstate and intrastate conflicts.

Attributes: GE IIF Social Science-Sociology, LE-K2 Social Sciences, LE-R3 Civic and Environmental Issues

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 304 Sociology of the Middle East (3 crs)

Prerequisite: SOC 101

• *No credit if taken after SOC 491 when offered as Environmental Sociology.*

The course reviews the relationships among the state, society and the environment in the Middle East. It examines the region's security, resources, challenges, conflicts and potential peace-making from an ecological perspective.

Attributes: GE IIF Social Science-Sociology, LE-K2 Social Sciences, LE-R2 Global Perspectives

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 310 Principles of Demography (3 crs)

Size, composition, and spatial distribution of human populations; changes resulting from demographic and other social processes; consequences for human welfare, implications for population policies.

Attributes: GE IIF Social Science-Sociology

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 312 Race and Ethnicity in the U.S. (3 crs)

Prerequisite: SOC 101

Causes and consequences of prejudice, racism, and discrimination. Examination of minority status of African Americans, Native Americans, Hispanic Americans, and Asian Americans. Contrast to European ancestry groups.

Attributes: Cultural Diversity 3 cr., GE IIF Social Science-Sociology, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 314 Social Class and Inequality (3 crs)

Prerequisite: SOC 101

Examination of the extent, causes, impact, and theoretical explanations for social inequality with an emphasis on social class; includes examinations of power relations, social mobility, poverty, race, and gender.

Attributes: Cultural Diversity 1 cr., GE IIF Social Science-Sociology, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 316 Sociology of Family (3 crs)

Prerequisite: SOC 101.

- *Credit may not be earned in both SOC 316 and WMNS 316.*

Examines research and theory on families in the U.S. Emphasis on variations in families, recent changes, and prospects for the future.

Attributes: GE IIF Social Science-Sociology, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 321 The Individual in Society (3 crs)

Prerequisite: SOC 101

Ethnomethodological, symbolic interactionist, and other microsociological approaches to the social psychological study of the individual in interaction and society. Topics covered include identity, reasoning, emotion, gender differences, and face-to-face interaction.

Attributes: GE IIF Social Science-Sociology

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 328 Sociological Data Analysis (3 crs)

Prerequisite: Fulfillment of Arts & Sciences B.A. Mathematics Competency Requirement; SOC 101. Limited to sociology majors and minors, and criminal justice majors.

An introduction to widely used techniques of analyzing sociological data. Attention to statistical description, statistical inference, graphic presentation, and interpretation of results.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 330 Sociological Theory (3 crs)

Prerequisite: SOC 101. Limited to sociology majors and minors.

Part I of the theory-methods sequence. Reviews sociological theory from classical through contemporary times. Examples of modern research are used to serve as a foundation for student work developing theoretically grounded research questions.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 332 Sociological Research Methods (3 crs)

Prerequisite: SOC 330. Limited to sociology majors and minors.

- *Criminal justice majors may enroll if they have completed CRMJ 301.*

Part II of the theory-methods sequence. Surveys foundations of social science, quantitative and qualitative research strategies and techniques. Attention is given to the process of inquiry, design, measurement, observation, data management, analysis, and presentation.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 333 Qualitative Research Methods in Sociology (3 crs)

Prerequisite: SOC 101 and two upper division SOC courses.

Introduction to qualitative research methods in sociology such as participant observation, unstructured interviews, postmodern and deconstructionist analysis, text analysis, participatory action research, feminist approaches, visual sociology, and conversation analysis.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 351 Sociology of Deviance (3 crs)

Prerequisite: SOC 101

Sociological perspectives are used to enhance the understanding of deviance as human behavior in the social context. The causes and consequences of the various forms of deviance are examined. Social action programs to control, manage and prevent deviance are presented, analyzed, and evaluated.

Attributes: GE IIF Social Science-Sociology

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 360 Sociology of Culture (3 crs)

Prerequisite: SOC 101

Analysis of the symbolic dimension of social life, focusing on the arts, music, media, language, religion, cognition, subcultures, and inequality.

Attributes: LE-11 Integration

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 364 Social Gerontology (3 crs)

Prerequisite: SOC 101

Focuses on the social aspects of aging. Examines research and theories in the field, social structural influences on the aging process, and the social experiences and relationships of older people.

Attributes: GE IIF Social Science-Sociology, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 366 Society in Contemporary China (3 crs)

Prerequisite: SOC 101

This course provides an in-depth perspective on contemporary Chinese society including its governmental hierarchy, modernization drive, regionalism and social issues, as well as the social context in terms of history, culture, religion, and ecological and demographic constraints.

Attributes: Foreign Culture

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 385 Social Foundations of Work and Occupations (3 crs)

Prerequisite: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies degree. Credit may not be earned in both SOC 385 and SOC 405.

Examines historical trends in the nature of work and occupations; trends in employment, unemployment, and the impact of technology on work in the global economy; the experience of paid and on unpaid work across gender, race, and class; and issues surrounding work/life balance.

Attributes: GE IIF Social Science-Sociology, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity, BPS Flat Rate Tuition

Grading Basis: A-F Grades Only

Lab/Studio Hours: 0

Seminar Hours:3

SOC 395 Directed Studies (1-3 crs)

Prerequisite: Six credits in sociology. Minimum resident GPA of 2.50.

Consent: Department Consent Required

Directed study of a sociological problem approved by the supervising instructor and department chair.

Repeat: Course may be repeated

SOC 399 Independent Study - Juniors (1-3 crs)

Consent: Department Consent Required

An intensive study of a sociological topic resulting in a quality paper or report.

Repeat: Course may be repeated

SOC 405 Sociology of Work and Occupations (3 crs)

Prerequisite: SOC 101. Credit may not be earned in both SOC 385 and SOC 405.

The course will provide an in-depth look at the nature of work and occupations including the general history of work, the basic types of work and structure of occupations, current employment trends, issues of inequality and work, problems of work/life balance, and policy issues associated with work.

Grading Basis: A-F Grades Only

Lab/Studio Hours: 0

Seminar Hours: 3

SOC 410 Sociology of Education (3 crs)

Prerequisite: SOC 101

Education as a social process and institution. Examines key theoretical and research contributions, social inequality, and public policy.

Grading Basis: No Auditors

Lab/Studio Hours: 0

Seminar Hours: 3

SOC 415 Social Movements (3 crs)

Prerequisite: SOC 101. No credit if taken after SOC 491 with the same topic.

The course examines past and contemporary efforts by people to bring about or resist social change. Topics include the origins of social movements, their members, resources, and tactics, and causes of success or failure.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 419 Sociology of Women (3 crs)

Prerequisite: SOC 101

• *Credit may not be earned in both SOC 419 and WMNS 419.*

Sociological analysis of women's statuses and roles in American society, focusing on socialization experiences, family, work, and sexual roles. Attention is also focused on contemporary issues and the experiences of American women.

Attributes: Cultural Diversity 1 cr.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 426 Sociology of Sexualities (3 crs)

Prerequisite: SOC 101. Limited to sociology majors and minors or family studies minors.

• *Credit may not be earned in both SOC 426 and WMNS 426.*

Using a sociological framework this course critically examines how society influences sexual beliefs, behaviors, and identities. The relationship between sexuality and the social institutions of family, education, government, medicine, religion, and media is studied.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 490 Sociology Capstone (3 crs)

Prerequisite: SOC 332. Limited to sociology majors. Minimum of 18 credits of sociology.

This course enables majors to integrate the skills and knowledge they have obtained through the major. It uses their existing expertise to develop a synthesis of the basic research and applied components of the discipline.

Attributes: Capstone Course

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 491 Special Topics (3 crs)

Prerequisite: SOC 101. Minimum junior standing.

• *A sum total of nine credits of SOC 291 and SOC 491 may be counted toward the major and six credits toward the minor.*

Intensive study of a topic selected because of special interest on the part of students or faculty. Topics include: Gender and Work, Medical Sociology, Marital Adjustment, and Divorce.

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 492 Honors Seminar in Sociology (1 cr)

Prerequisite: Limited to sociology majors. Resident, total, and departmental GPAs of 3.50 or higher, and acceptance of student into Honors Program.
Consent: Department Consent Required

Design and reports of in-depth original study of selected sociological problems by students in Honors Program.

Repeat: Course may be repeated
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

SOC 496 Research Apprenticeship in Sociology (1-3 crs)

Prerequisite: 3.00 GPA in sociology courses with a minimum of six credits.
Consent: Instructor Consent Required

Qualified students, supervised by faculty, engage in collaborative research with faculty. Research apprenticeship activities may include interviews, observations, and questionnaire construction; variable measurement; data collection, coding, analysis; secondary data analysis; interpretation of data.

Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

SOC 497 Student Academic Apprenticeship in Sociology (1-3 crs)

Prerequisite: Minimum of 15 credits in sociology; 3.00 GPA in SOC courses; completion of the course (or equivalent) in which assisting with a minimum of a B+.
Consent: Instructor Consent Required

Qualified students, supervised by faculty, facilitate teaching and learning in a specific course or courses. Teaching apprenticeship activities may include holding discussion/review sessions; class presentations; tutoring individual students; answering student questions.

Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only

SOC 498 Sociology Internship (1-6 crs)

Prerequisite: 12 credits in sociology. Formal application with the instructor and department chair must be completed before registering for the course.
Consent: Department Consent Required

A field experience course which integrates principles of sociology with work in an organization. Joint supervision by instructor and field representative.

Attributes: Service-Learning, Full 30 Hours, Internship
Repeat: Course may be repeated for a maximum of 6 credits

SOC 499 Independent Study - Seniors (1-3 crs)

Consent: Department Consent Required

An intensive study of a sociological topic resulting in a quality paper or report.

Repeat: Course may be repeated

SOC 514 Social Class and Inequality (3 crs)

Prerequisite: SOC 101
Consent: Department Consent Required
• *Cross-listed with SOC 314. Credit may not be earned in both courses.*

Examination of the extent, causes, impact, and theoretical explanations for social inequality with an emphasis on social class; includes examinations of power relations, social mobility, poverty, race, and gender.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 564 Social Gerontology (3 crs)

Prerequisite: SOC 101
Consent: Department Consent Required
• *Cross-listed with SOC 364. Credit may not be earned in both courses.*

Focuses on the social aspects of aging. Examines research and theories in the field, social structural influences on the aging process, and the social experiences and relationships of older people.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 791 Current Topics in Sociology (3 crs)

Prerequisite: SOC 101
Consent: Department Consent Required

Areas of contemporary concern to faculty which develop general social understanding and enrich the lives of professionals, graduate students, and other interested adult members of the community.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SOC 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

Spanish (SPAN)

SPAN 101 Beginning Spanish I (4 crs)

Prerequisite: Placement test required.

A foundation in spoken and written Spanish, listening and reading comprehension, grammatical usage, and cultural backgrounds.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1

SPAN 102 Beginning Spanish II (4 crs)

Prerequisite: SPAN 101 or suitable placement score on Spanish Placement Exam.

Continuation of Spanish 101.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

SPAN 201 Intermediate Spanish I (4 crs)

Prerequisite: SPAN 102 or suitable placement score on Spanish Placement Exam. Credit may not be earned in both SPAN 201 and SPAN 231.

Review of Spanish grammar and vocabulary, with focus on the development of reading, writing, speaking, and listening skills. Students gain an understanding of the cultures of the Spanish-speaking world through a variety of topics.

Attributes: GE IA Communication-Language Arts, LE-R2 Global Perspectives

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

SPAN 202 Intermediate Spanish II (4 crs)

Prerequisite: SPAN 201 or SPAN 231 or suitable placement score on Spanish Placement Exam. Credit may not be earned in both SPAN 202 and SPAN 232.

Continuation of Spanish 201.

Attributes: GE IA Communication-Language Arts, LE-R2 Global Perspectives

Lecture/Discussion Hours: 4

Lab/Studio Hours: 1

SPAN 250 Valladolid Orientation (1 cr)

Prerequisite: Acceptance in the Valladolid Study Abroad Program and two years college Spanish or equivalent.

Preparation for study at the Universidad de Valladolid (Spain). Presentations by faculty and "Valladolid veterans."

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

SPAN 301 Advanced Composition (3 crs)

Prerequisite: SPAN 202 or SPAN 232.

Grammar review with emphasis on sentence and paragraph structure. Students will review the use of all the tenses in the indicative and subjunctive and the proper use of pronouns, linkwords, and prepositions.

Attributes: GE IA Communication-Language Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 302 Advanced Conversation and Composition (3 crs)

Prerequisite: SPAN 301

Advanced conversation, reading and composition practice on current topics as present in Spanish written, broadcast, and internet media.

Attributes: GE IA Communication-Language Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 325 Phonetics and Pronunciation (3 crs)

Prerequisite: SPAN 301

Theory of the Spanish sound system and intensive practice of Spanish pronunciation and intonation.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 1

SPAN 340 Spanish for Business (3 crs)

Prerequisite: SPAN 301 or consent of instructor.

Introduction to the Spanish business environment, including grammar review and specialized vocabulary. Taught entirely in Spanish.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 352 Latin American Civilization (3 crs)

Prerequisite: SPAN 302 or consent of instructor. No credit if taken after SPAN 351, LAS 354, SPAN 354.

• *Credit may not be earned in both SPAN 352 and LAS 352.*

Introduction to the historical background necessary for comprehending contemporary Latin America. Analysis of current social, political, and economic issues, with consideration of influential personalities in present-day Latin American society.

Attributes: Foreign Culture, GE IVD Humanities-Literature, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 354 Latin American Civilization: Regional Focus (3 crs)

Prerequisite: SPAN 302 or consent of instructor.

• *Credit may not be earned in both SPAN 354 and LAS 354. Credit may not be earned in both SPAN 354/LAS 352 and SPAN 354/LAS 354. To be taught only in a study abroad program in Latin America. Restricted to semester-long regional civilization courses.*

Introduction to the historical background necessary for comprehending contemporary Latin America through a regional focus. Analysis of current social, political, and economic issues, with consideration of influential personalities in a region of present-day Latin American society.

Attributes: Foreign Culture, GE IVD Humanities-Literature

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 355 Spanish Civilization to 1900 (3 crs)

Prerequisite: SPAN 302 or consent of instructor.

A study of the country and its peoples from the cave paintings of Altamira to the Spanish American War. Emphasis on geography, history, religion, and the arts.

Attributes: GE IVD Humanities-Literature

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 356 Contemporary Spain (3 crs)

Prerequisite: SPAN 302 or consent of instructor.

Spanish history and civilization from Alfonso XIII through the Civil War and Franco years to democracy. Emphasis on life in contemporary Spain and Spain's role in the world.

Attributes: GE IVD Humanities-Literature

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 360 Survey of Hispanic Linguistics (3 crs)

Prerequisite: SPAN 302 and SPAN 325 or SPAN 326 or consent of instructor.

This course explores the structure of the Spanish language. Specific offerings examine one or more areas of linguistic research about the Spanish language.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 363 Survey of Spanish Peninsular Literature (3 crs)

Prerequisite: SPAN 302

- *This course is recommended to be taken after study abroad.*

Reading, literary analysis, and discussion of works of Spanish Peninsular Literature, organized by genres (prose, poetry, theatre). Designed as introduction for advanced literature courses.

Attributes: GE IVD Humanities-Literature, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 367 Survey of Latin American Literature (3 crs)

Prerequisite: SPAN 302 or consent of instructor.

- *Credit may not be earned in both SPAN 367 and LAS 367. This course is recommended to be taken after study abroad.*

Study and literary analysis of the work of the principal writers of Latin American Literature from indigenous to contemporary literature.

Attributes: Foreign Culture, GE IVD Humanities-Literature, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 385 Spanish Literature from Unamuno to Garcia Lorca (3 crs)

Prerequisite: SPAN 363 or SPAN 367/LAS 367, or consent of instructor.

Peninsular Spanish literature beginning with the generation of 1898 and including writers up to and through the Spanish Civil War of 1936-39.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 386 Contemporary Spanish Literature (3 crs)

Prerequisite: SPAN 363, or SPAN 367/LAS 367, or consent of instructor.

Continuation of Spanish 385. Spanish writers since 1940.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 395 Directed Studies (1-3 crs)

Consent: Department Consent Required

Study of a problem or special area in the culture, language, or literature of the Spanish-speaking world, approved by the supervising instructor and the department chair.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

SPAN 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

SPAN 405 Advanced Conversation (3 crs)

Prerequisite: SPAN 355 or SPAN 356 or SPAN 363; or SPAN 352/LAS 552, SPAN 552/LAS 552 or SPAN 367/LAS 367.

Intensive practice in Spanish conversation to promote fluency and correctness.

Attributes: GE IA Communication-Language Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 409 The Craft of Translation (3 crs)

Prerequisite: SPAN 302

A practical course designed to show that each language is more than the sum of its words. Intensive practice of translation from and into both Spanish and English. Some reading on translation techniques and practices.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 410 Advanced Grammar (3 crs)

Prerequisite: SPAN 302

Advanced study of vocabulary, idioms, and grammar based on selected model written texts.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 418 Spanish Sociolinguistics in Latin America/USA (3 crs)

Prerequisite: SPAN 360 or consent of instructor. SPAN 352/LAS 352 highly recommended.

- *Credit may not be earned in both SPAN 418 and LAS 418.*

Addresses theoretical foundations of sociolinguistic variation in Spanish-speaking communities, interplay of social and linguistic factors on dialectal variation of Latin American Spanish, and sociolinguistic methods for data collection.

Lab/Studio Hours: 0

Seminar Hours: 3

SPAN 420 Spanish for Health Professions (3 crs)

Prerequisite: SPAN 302

Discussions related to health care organizations in the Spanish speaking countries, and practice of specialized medical terminology. Techniques and problems of interpretation from Spanish to English and vice versa: meaning, use, and theories.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 440 Spanish Business Writing (3 crs)

Prerequisite: SPAN 302

The goal of the course is to prepare students for business writing according to the guidelines and usage of correspondence in Spanish.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 475 Topics in Latin American Literature (3 crs)

Prerequisite: SPAN 363 or LAS 367/SPAN 367 or consent of instructor.

- *Credit may not be earned in both SPAN 475 and LAS 475.*

In-depth study of a particular area in Latin American literature.

Attributes: Foreign Culture, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 476 The Novel in Latin America I: 1850-1950 (3 crs)

Prerequisite: SPAN 363, or SPAN 367/LAS 367, or consent of instructor.

- *Credit may not be earned in both SPAN 476 and LAS 476.*

Study of the most important novelists of Latin America, from 1850 to 1950.

Attributes: Foreign Culture, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 477 The Novel in Latin America II: 1950-Present (3 crs)

Prerequisite: SPAN 363, or SPAN 367/LAS 367, or consent of instructor.

- *Credit may not be earned in both SPAN 477 and LAS 477.*

Continuation of Spanish/Latin American Studies 476. Covers period from 1950 to the present.

Attributes: Foreign Culture, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 480 Latin American Literature and Film (3 crs)

Prerequisite: SPAN 363 or SPAN 367/LAS 367.

- *Credit may not be earned in both SPAN 480 and LAS 480.*

This course is an in-depth study of contemporary Latin American literature and the film versions of the literature in their historical and social contexts.

Attributes: Foreign Culture, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 482 Women in Latin American Literature (3 crs)

Prerequisite: SPAN 363 or SPAN 367/LAS 367.

- *Credit may not be earned in both SPAN 482 and WMNS 482.*

This course is an in-depth study of the representation of women in contemporary Spanish American literature in their historical, cultural, and social contexts. Taught entirely in Spanish.

Attributes: Foreign Culture, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 491 Special Topics (1-3 crs)

Prerequisite: SPAN 355 or SPAN 356 or SPAN 363; or SPAN 352/LAS 352, or SPAN 367/LAS 367, or consent of instructor.

- *See current Class Schedule for specific topic.*

In-depth study of a special area in the language, cultures, or literatures of the Spanish-speaking world.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 492 Seminar in Hispanic Linguistics Research (3 crs)

Prerequisite: SPAN 360 and SPAN 418/LAS 418 or consent of instructor.

This course covers theory and practice of linguistic research on a general theme. Students design and carry out research projects, choosing language problems and research methodology tied to the theme.

Lab/Studio Hours: 0

Seminar Hours: 3

SPAN 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

SPAN 525 Phonetics and Pronunciation (3 crs)

Prerequisite: SPAN 301

• *Cross-listed with SPAN 325. Credit may not be earned in both courses.*

Theory of the Spanish sound system and intensive practice of Spanish pronunciation and intonation.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 1

SPAN 552 Latin American Civilization (3 crs)

Prerequisite: SPAN 302 or consent of instructor. No credit if taken after SPAN 351.

• *Cross-listed with SPAN 352 and LAS 352/LAS 552. Credit may only be earned in one of these courses.*

Introduction to the historical background necessary for comprehending contemporary Latin America. Analysis of current social, political, and economic issues, with consideration of influential personalities in present-day Latin American society.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 563 Survey of Spanish Peninsular Literature (3 crs)

Prerequisite: SPAN 302

• *Cross-listed with SPAN 363. Credit may not be earned in both courses. This course is recommended to be taken after study abroad.*

Reading, literary analysis, and discussion of works of Spanish Peninsular Literature, organized by genres (prose, poetry, theatre). Designed as introduction for advanced literature courses.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 567 Survey of Latin American Literature (3 crs)

Prerequisite: SPAN 302 or consent of instructor.

• *Cross-listed with SPAN 367 and LAS 367/LAS 567. Credit may only be earned in one of these courses. This course is recommended to be taken after study abroad.*

Study and literary analysis of the work of the principal writers of Latin American Literature from indigenous to contemporary literature.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 585 Spanish Literature from Unamuno to Garcia Lorca (3 crs)

Prerequisite: SPAN 363/SPAN 563, or SPAN 367/LAS 367 / SPAN 567/LAS 567, or consent of instructor.

• *Cross-listed with SPAN 385. Credit may not be earned in both courses.*

Peninsular Spanish literature beginning with the generation of 1898 and including writers up to and through the Spanish Civil War of 1936-39.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 586 Contemporary Spanish Literature (3 crs)

Prerequisite: SPAN 363/SPAN 563, or SPAN 367/LAS 367/SPAN 567/LAS 567, or consent of instructor.

• *Cross-listed with SPAN 386. Credit may not be earned in both courses.*

Continuation of Spanish 385/585. Spanish writers since 1940.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 595 Directed Studies (1-3 crs)

Consent: Department Consent Required

• *Cross-listed with SPAN 395.*

Study of a problem or special area in the culture, language, or literature of the Spanish-speaking world, approved by the supervising instructor and the department chair.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

SPAN 609 The Craft of Translation (3 crs)

Prerequisite: SPAN 302

• *Cross-listed with SPAN 409. Credit may not be earned in both courses.*

A practical course designed to show that each language is more than the sum of its words. Intensive practice of translation from and into both Spanish and English. Some reading on translation techniques and practices.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 610 Advanced Grammar (3 crs)

Prerequisite: SPAN 302

- *Cross-listed with SPAN 410. Credit may not be earned in both courses.*

Advanced study of vocabulary, idioms, and grammar based on selected model written texts.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 620 Spanish for Health Professions (3 crs)

Prerequisite: SPAN 302

- *Cross-listed with SPAN 420. Credit may not be earned in both courses.*

Discussions related to health care organizations in the Spanish speaking countries, and practice of specialized medical terminology. Techniques and problems of interpretation from Spanish to English and vice versa: meaning, use, and theories.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 675 Topics in Latin American Literature (3 crs)

Prerequisite: SPAN 363 or LAS/SPAN 367 or consent of instructor.

- *Cross-listed with SPAN 475 and LAS 475/LAS 675.*

In-depth study of a particular area in Latin American literature.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 676 The Novel in Spanish America I: 1850-1950 (3 crs)

Prerequisite: SPAN 363/SPAN 563, or SPAN 367/LAS 367 / SPAN 367/LAS 567, or consent of instructor.

- *Cross-listed with SPAN 476 and LAS 476/LAS 676. Credit may only be earned in one of these courses.*

Study of the most important novelists of Spanish America, from 1850 to 1950.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 677 The Novel in Latin America II: 1950-Present (3 crs)

Prerequisite: SPAN 363/SPAN 563, or SPAN 367/LAS 367 / SPAN 567/LAS 567, or consent of instructor.

- *Cross-listed with SPAN 477 and LAS 477/LAS 677. Credit may only be earned in one of these courses.*

Continuation of SPAN 476/SPAN 676 / LAS 476/LAS 676. Covers period from 1950 to the present.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 680 Latin American Literature and Film (3 crs)

Prerequisite: SPAN 363/SPAN 563 or SPAN 367/LAS 367 / SPAN 567/LAS 567.

- *Cross-listed with SPAN 480 and LAS 480/LAS 680. Credit may only be earned in one of these courses.*

This course is an in-depth study of contemporary Latin American literature and the film versions of the literature in their historical and social contexts.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 682 Women in Latin American Literature (3 crs)

Prerequisite: SPAN 363/SPAN 563 or SPAN 367/LAS 367 / SPAN 567/LAS 567.

- *Cross-listed with SPAN 482 and WMNS 482/WMNS 682. Credit may only be earned in one of these courses.*

This course is an in-depth study of the representation of women in contemporary Spanish American literature in their historical, cultural, and social contexts. Taught entirely in Spanish.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 691 Special Topics (1-3 crs)

Prerequisite: SPAN 355 or SPAN 356 or SPAN 363/SPAN 563 or SPAN 352/LAS 352 / SPAN 552/LAS 552 or SPAN 367/LAS 367 / SPAN 567/LAS 567, or consent of instructor.

- *Cross-listed with SPAN 491. See current Class Schedule for specific topic.*

In-depth study of a special area in the language, cultures, or literatures of the Spanish-speaking world.

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: No S/U Grade Option

SPAN 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Independent study projects under direction of faculty members.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Special Education (SPED)

SPED 200 Introduction to Diverse Learners (3 crs)

Survey of the education of children with communication disorders, cognitive disabilities, sensory and physical disabilities, learning disabilities, and emotional disturbance.

Attributes: LE-R3 Civic and Environmental Issues

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 205 School and Community Experience in Special Education (3 crs)

Prerequisite: Grade of B- (B minus) or above in SPED 200.

The student will observe, participate, and reflect based on experiences with pre-elementary or elementary/secondary students. Lectures, discussion, and school experiences will facilitate career decision. Student completes approximately 50 hours of observation.

Attributes: Special Course Fee Required

Grading Basis: S/U Only Grade Basis

Lecture/Discussion Hours: 0.5

Lab/Studio Hours: 2.5

SPED 210 Introduction to Cognitive Disabilities (3 crs)

Prerequisite: SPED 200

This course studies the causes and characteristics of cognitive disabilities. Social, educational, and vocational issues are also discussed.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 300 Inclusive Practices for Secondary Educators (2 crs)

Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences.

- *Limited to secondary education majors. NOTE: Upper division courses required of special education majors carry the prerequisite of admission to the student's professional program.*

Surveys characteristics of diverse learners including students with disabilities, cultural differences, gifts/talents, and at-risk concerns. Provides knowledge and practice regarding the secondary educator's role related to special education processes, professional collaboration, and curricular adaptations/modifications.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

SPED 301 Observation and Participation with Students without Disabilities in Educational Programs (3 crs)

Prerequisite: SPED 200 and SPED 205. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 301.

- *SPED 301 may not be substituted for ES 203.*

Fieldwork with children without disabilities in order to acquire a more complete understanding of typical and atypical child growth/development, and general education curriculum. Experience is required by Wisconsin DPI. Student completes approximately 70 hours.

Attributes: Undergraduate/Graduate Offering

Grading Basis: S/U Only Grade Basis

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

SPED 306 Behavior Management (3 crs)

Prerequisite: SPED 200, or SPED 300, or SPED 400 or consent of instructor.

Limited to teaching majors admitted to College of Education and Human Sciences.

Behavioral approaches to managing student behaviors. Includes classroom management techniques, contingency contracting, behavior counting and charting, reinforcement systems, behavior therapy, and uses of punishment.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 330 Introduction to Learning Disabilities (3 crs)

Prerequisite: SPED 200 or SPED 300 or SPED 400; or junior standing for CSD majors, or consent of instructor. Limited to teaching majors admitted to the College of Education and Human Sciences; CSD and school psychology students may also enroll.

Survey course of causes, educational problems, and intervention programs associated with learning disabilities.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 331 Special Education Procedures and General Methods (2 crs)

Prerequisite: SPED 210 or SPED 220 or SPED 330/SPED 530 or SPED 350/SPED 550; or consent of instructor. May be taken concurrently with SPED 330/530. Limited to teaching majors admitted to College of Education and Human Sciences.

This course is designed to provide a basic knowledge of special education procedures as outlined by current federal legislation. General methods related to planning, managing, delivering, and evaluating instruction in a special education classroom are presented.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

SPED 335 Assessment and Intervention for Students with Mild Disabilities (3 crs)

Prerequisite: SPED 306/SPED 506 and SPED 331/SPED 531. Limited to teaching majors admitted to College of Education and Human Sciences.

Consent: Instructor Consent Required

A structured clinical experience in which candidates assess and teach academics to children who are struggling or have mild disabilities. Candidates conduct multiple assessments, identify student needs, plan and inform instruction, and summarize student progress.

Attributes: Service-Learning, Full 30 Hours

Lecture/Discussion Hours: 1

Lab/Studio Hours: 5

SPED 350 Introduction to Emotional/Behavioral Disabilities (3 crs)

Prerequisite: SPED 200 or SPED 300/SPED 500 or SPED 400/SPED 600 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.

Survey course of characteristics, causes, and intervention in relation to the education of students with emotional disturbance. Focus is on historical, theoretical, and current issues impacting school-based practice.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 400 Inclusive Practices for Elementary Educators (3 crs)

Prerequisite: Limited to elementary education majors admitted to College of Education and Human Sciences.

- Admission to elementary education (*Middle Childhood through Early Adolescence or MCEA*) program or consent of instructor.

Designed to help elementary educators in observing, identifying, and teaching diverse learners including children with disabilities, cultural differences, gifts/talents and/or at-risk concerns. Provides knowledge and practice related to special education processes, professional collaboration, and curricular adaptations/modifications.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 401 Assessment of Students with Disabilities (3 crs)

Prerequisite: SPED 210 or SPED 220 or SPED 330/SPED 530 or SPED 350/SPED 550, and SPED 331/SPED 531; or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.

Application of assessment terminology and statistical concepts. Selection, administration of tests, and interpretation of scores from teacher-made, norm-referenced, and criterion-referenced assessments.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 402 Collaboration and Consultation (2 crs)

Prerequisite: SPED 200 and SPED 331/SPED 531 and SPED 210 or SPED 220 or SPED 330/SPED 530 or SPED 350/SPED 550. Limited to teaching majors admitted to College of Education and Human Sciences.

Provides students with knowledge and skills related to collaboration and consultation with parents, school personnel, and agencies. Family relations, conflict resolution, co-teaching practices, Special Education law and ethical behavior will also be covered.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

SPED 404 Pre-Student Teaching Experience with Individuals with Mild Disabilities (3 crs)

Prerequisite: SPED 306/SPED 506 and SPED 331/SPED 531. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 431/SPED 631.

Pre-student teaching experience with children and adolescents with disabilities in K-8 environments. Assignments are in conjunction with SPED 431. Student completes approximately 90 hours of observation/teaching.

Attributes: Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

SPED 414 Special Vocational Support Strategies (3 crs)

Prerequisite: SPED 416/SPED 616. Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll.

Vocational support strategies used with high school students with disabilities. Emphasis is placed on active involvement in vocational laboratory experiences.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 416 Career Education and Transition (2 crs)

Prerequisite: SPED 335 or SPED 404/SPED 604 and SPED 431/SPED 631 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 434.

This course will introduce the basic concepts of career and vocational education. This course includes a clinical experience with adolescents with disabilities for approximately 35 hours.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 1

Lab/Studio Hours: 1

SPED 417 Curriculum and Methods for Students with Moderate or Severe Disabilities (3 crs)

Prerequisite: SPED 210 or SPED 331/SPED 531 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.

Study, selection, and preparation of suitable curriculum and methods used in teaching students with moderate/severe cognitive disabilities.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 423 Characteristics and Interventions for Young Children with Low Incidence Disabilities (3 crs)

Prerequisite: Grade of B- or above in SPED 200, grade of B- or above in SPED 210 or UEC 220. Limited to teaching majors admitted to the College of Education and Human Sciences. Limited to SPED, UEC majors admitted to the College of Education and Human Sciences.

This course will emphasize medical/instructional needs for the care of young children with health conditions, orthopedic impairments, as well as characteristics/interventions for teaching young children with Autism, multiple disabilities, and children with challenging behavior.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 431 Reading/Writing Remediation, Assessment, and Diagnosis for Students with Mild Disabilities (3 crs)

Prerequisite: SPED 331 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 404.

- *SPED 335 substitutes for SPED 404.*

This course focuses on research-based methods for assessment, instruction, and remediation of reading and written expression for elementary-age students with mild disabilities. The course includes applied activities and occurs concurrently with a field experience.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 432 Language Development and Intervention for Students with Disabilities (3 crs)

Prerequisite: SPED 401. Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll.

Theoretical models and strategies for assessing and teaching language skills to students with disabilities.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 434 Secondary Methods for Students with Mild Disabilities (2 crs)

Prerequisite: SPED 335 or SPED 404, and SPED 431. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 416.

This course will provide the student with knowledge about secondary methods used in reading, written expression, study skills, and self-advocacy. Behavioral methods, IEP development, and post-secondary planning will also be presented.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

SPED 436 Mathematics Methods for Students with Mild Disabilities (2 crs)

Prerequisite: SPED 331 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.

This mathematics course addresses methods for teaching students with mild disabilities. Topics such as, number sense, concrete representation for mathematical concepts, understanding basic operations, and applying assessments to remediate mathematical difficulties will be covered.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

SPED 453 Behavioral Assessment and Planning (1 cr)

Prerequisite: SPED 306/SPED 506 and SPED 401/SPED 601; or consent of instructor.

This course will focus on the development of knowledge and skills in the areas of implementing a functional behavior assessment (FBA) and creating a behavior intervention plan (BIP) based on FBA results.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

SPED 455 Advanced Behavioral Intervention for Students with Emotional Behavioral Disabilities (3 crs)

Prerequisite: SPED 306/SPED 506, SPED 350/SPED 550, and SPED 401/SPED 601; or consent of instructor.

This course will assist in the development of knowledge and skills in the areas of social skills training, behavioral techniques, instructional strategies, and collaboration for delivery of intensive behavioral techniques for students with emotional/behavioral disabilities.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 465 Child Abuse and Neglect: Educational Implications (3 crs)

Provides professionals with basic information relative to identifying and reporting suspected cases of child abuse and neglect, effects of abuse and neglect upon the child's total school performance, the role of community agencies, and the school's role in prevention.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 470 Student Teaching in Special Education (7 crs)

- *Admission to professional semester and department approval.*

Student teaching in special education class all day for one-half semester or half days for one semester.

Repeat: Course may be repeated for a maximum of 14 credits

SPED 471 Student Teaching in Special Education (3-6 crs)

Prerequisite: Limited to special education majors admitted to College of Education and Human Sciences.

Consent: Department Consent Required

- *Teacher licensure, admitted to special education program, completed methods courses, and departmental approval. On-the-job practica have additional eligibility requirements.*

Intended for teachers already certified who are seeking additional licensure; student teaching experience specially designed for the student.

Repeat: Course may be repeated for a maximum of 18 credits

SPED 472 Student Teaching in Special Education (3 crs)

Consent: Department Consent Required

- *Admission to professional semester.*

Student teaching in special education for students seeking to extend a certification.

Repeat: Course may be repeated for a maximum of 6 credits

SPED 474 Student Teaching with Students with Disabilities (1-3 crs)

Consent: Department Consent Required

Supervised student teaching for post baccalaureate students seeking additional certification.

Repeat: Course may be repeated for a maximum of 4 credits

SPED 475 Internship Teaching (7-14 crs)

Consent: Department Consent Required

- *Admission to the professional semester and departmental approval is required. Students with a major in special education with dual certification in elementary education may register for an internship of seven credits in special education (SPED 475) and seven credits in elementary education (ES 440).*

The intern is a paid contractual member of a public school staff who spends an entire semester in a school system, including the opening and closing periods.

Attributes: Internship, Special Course Fee Required

SPED 476 Professional Practices in Special Education (2 crs)

Prerequisite: Must be taken with appropriate student teaching course(s).

Admission to professional semester and recommendation of SPED department. Limited to teaching majors admitted to the College of Education and Human Sciences.

- *Must be taken with appropriate student teaching course(s). Admission to professional semester and recommendation of Special Education department.*

Provides a capstone experience in special education. Students organize and synthesize information from professional coursework, maintain and utilize a professional portfolio, and design curricular and behavioral interventions consistent with federal law and state regulations.

Attributes: LE-11 Integration, LE-S3 Creativity, Capstone Course, Special Course Fee Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

SPED 477 Reading Assessment and Intervention in Practicum (1 cr)

Prerequisite: SPED 476

Field Practicum Hours: 1 Capstone experience requiring the use of assessment tools and practices for planning and evaluating reading needs. Students will analytically evaluate reading progress through the use of lesson planning and progress monitoring focused on PK-8 environments.

Grading Basis: A-F Grades Only

SPED 495 Directed Studies in Special Education (1-3 crs)

Consent: Department Consent Required

- *Arranged by department in response to need.*

Group study, under the immediate direction of a Special Education faculty member, of a defined problem not covered in existing courses.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

SPED 499 Independent Study (1-3 crs)

Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences. Minimum junior standing.

Consent: Department Consent Required

Permits a student to study a special problem or issue.

Repeat: Course may be repeated

SPED 500 Inclusive Practices for Secondary Educators (2 crs)

Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences.

- *Limited to secondary education majors. NOTE: Upper division courses required of special education majors carry the prerequisite of admission to the student's professional program. Cross-listed with SPED 300. Credit may not be earned in both courses.*

Surveys characteristics of diverse learners including students with disabilities, cultural differences, gifts/talents, and at-risk concerns. Provides knowledge and practice regarding the secondary educator's role related to special education processes, professional collaboration, and curricular adaptations/modifications.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

SPED 501 Observation and Participation with Students without Disabilities in Educational Programs (3 crs)

Prerequisite: SPED 200 and SPED 205. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 301/ES 501.

- *SPED 301/SPED 501 may not be substituted for ES 203. Cross-listed with SPED 301. Credit may not be earned in both courses. Must have master's degree, early childhood, except for already certified teachers.*

Fieldwork with children without disabilities in order to acquire a more complete understanding of typical and atypical child growth and development, and general education curriculum. Experience is required by Wisconsin DPI.

Grading Basis: S/U Only Grade Basis

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

SPED 506 Behavior Management (3 crs)

Prerequisite: SPED 200, or SPED 300, or SPED 400, or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.

- *Cross-listed with SPED 306. Credit may not be earned in both courses.*

Behavioral approaches to managing student behaviors. Includes classroom management techniques, contingency contracting, behavior counting and charting, reinforcement systems, behavior therapy, and uses of punishment.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 530 Introduction to Learning Disabilities (3 crs)

Prerequisite: SPED 200, or SPED 300, or SPED 400 or consent of instructor. Limited to teaching majors admitted to the College of Education and Human Sciences. Communication Sciences and Disorders (CSD) and school psychology students may also enroll.

- *Cross-listed with SPED 330. Credit may not be earned in both courses.*

Survey course of causes, educational problems, and intervention programs associated with learning disabilities.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 531 Special Education Procedures and General Methods (2 crs)

Prerequisite: SPED 210 or SPED 220 or SPED 330/SPED 530 or SPED 350/SPED 550; or consent of instructor. May be taken concurrently with SPED 330/SPED 530. Limited to teaching majors admitted to College of Education and Human Sciences.

- *Cross-listed with SPED 331. Credit may not be earned in both courses.*

This course is designed to provide a basic knowledge of special education procedures as outlined by current federal legislation. General methods related to planning, managing, delivering, and evaluating instruction in a special education classroom are presented.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

SPED 550 Introduction to Emotional/Behavioral Disabilities (3 crs)

Prerequisite: SPED 200 or SPED 300/SPED 500 or SPED 400/SPED 600 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.

- *Cross-listed with SPED 350. Credit may not be earned in both courses.*

Survey course of characteristics, causes, and intervention in relation to the education of students with emotional disturbance. Focus is on historical, theoretical, and current issues impacting school-based practice.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 600 Inclusive Practices for Elementary Educators (3 crs)

Prerequisite: Limited to elementary education (Middle Childhood through Early Adolescence or MCEA) majors admitted to College of Education and Human Sciences.

- *Admission to elementary education (Middle Childhood through Early Adolescence or MCEA) program or consent of instructor. Cross-listed with SPED 400. Credit may not be earned in both courses.*

Designed to help elementary educators in observing, identifying, and teaching diverse learners including children with disabilities, cultural differences, gifts/talents and/or at-risk concerns. Provides knowledge and practice related to special education processes, professional collaboration, and curricular adaptations/modifications.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 601 Assessment of Students with Disabilities (3 crs)

Prerequisite: SPED 210 or SPED 220 or SPED 330/SPED 530 or SPED 350/SPED 550, and SPED 331/SPED 531; or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.

- *Cross-listed with SPED 401. Credit may not be earned in both courses.*

Application of assessment terminology and statistical concepts. Selection, administration of tests, and interpretation of scores from teacher-made, norm-referenced, and criterion-referenced assessments.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 602 Collaboration and Consultation (2 crs)

Prerequisite: SPED 200 and SPED 331/SPED 531 and SPED 210 or SPED 220 or SPED 330/SPED 530 or SPED 350/SPED 550. Limited to teaching majors admitted to College of Education and Human Sciences.

- *Cross-listed with SPED 402. Credit may not be earned in both courses.*

Provides students with knowledge and skills related to collaboration and consultation with parents, school personnel, and agencies. Family relations, conflict resolution, co-teaching practices, Special Education law and ethical behavior will also be covered.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

SPED 604 Pre-student Teaching Experience with Individuals with Disabilities (3 crs)

Prerequisite: SPED 306/SPED 506 and SPED 331/SPED 531. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 431/SPED 631.

- *Cross-listed with SPED 404. Credit may not be earned in both courses.*

Pre-student teaching experience with children and adolescents with disabilities in K-8 environments. Assignments are in conjunction with SPED 431. Student completes approximately 90 hours of observation/teaching.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

SPED 614 Special Vocational Support Strategies (3 crs)

Prerequisite: SPED 416/SPED 616. Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll.

- *Cross-listed with SPED 414. Credit may not be earned in both courses.*

Vocational support strategies used with high school students with disabilities. Emphasis is placed on active involvement in vocational laboratory experiences.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 616 Career Education and Transition (2 crs)

Prerequisite: SPED 335 or SPED 404/SPED 604 and SPED 431/SPED 631 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 434.

- *Cross-listed with SPED 416. Credit may not be earned in both courses.*

This course will introduce the basic concepts of career and vocational education. This course includes a clinical experience with adolescents with disabilities for approximately 35 hours.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 1

SPED 617 Curriculum and Methods for Students with Moderate or Severe Disabilities (3 crs)

Prerequisite: SPED 210 or SPED 331/SPED 531 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.

- *Cross-listed with SPED 417. Credit may not be earned in both courses.*

Study, selection, and preparation of suitable curriculum and methods used in teaching students with moderate/severe cognitive disabilities.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 623 Characteristics and Interventions for Young Children with Low Incidence Disabilities (3 crs)

Prerequisite: Grade of B- or above in SPED 200, grade of B- or above in SPED 210 or UEC 220. Limited to teaching majors admitted to the College of Education and Human Sciences. Limited to SPED, UEC majors admitted to the College of Education and Human Sciences.

- *Cross-listed with SPED 423. Credit may not be earned in both courses.*

This course will emphasize medical/instructional needs for the care of young children with health conditions, orthopedic impairments, as well as characteristics/interventions for teaching young children with Autism, multiple disabilities, and children with challenging behavior.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 631 Reading/Writing Remediation, Assessment, and Diagnosis for Students with Mild Disabilities (3 crs)

Prerequisite: SPED 331/SPED 531 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 404/SPED 604.

- *SPED 335 substitutes for SPED 404. Cross-listed with SPED 431. Credit may not be earned in both courses.*

This course focuses on research-based methods for assessment, instruction, and remediation of reading and written expression for elementary-age students with mild disabilities. The course includes applied activities and occurs concurrently with a field experience.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 632 Language Development and Intervention for Students with Disabilities (3 crs)

Prerequisite: SPED 401/SPED 601. Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll.

- *Cross-listed with SPED 432. Credit may not be earned in both courses.*

Theoretical models and strategies for assessing and teaching language skills to students with disabilities.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 634 Secondary Methods for Students with Mild Disabilities (2 crs)

Prerequisite: SPED 335/SPED 535 or SPED 404/SPED 604, and SPED 431/SPED 631. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 416/SPED 616.

- *Cross-listed with SPED 434. Credit may not be earned in both courses.*

This course will provide the student with knowledge about secondary methods used in reading, written expression, study skills, and self-advocacy. Behavioral methods, IEP development, and post-secondary planning will also be presented.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

SPED 636 Mathematics Methods for Students with Mild Disabilities (2 crs)

- *Cross-listed with SPED 436. Credit may not be earned in both courses.*

This mathematics course addresses methods for teaching students with mild disabilities. Topics such as, number sense, concrete representation for mathematical concepts, understanding basic operations, and applying assessments to remediate mathematical difficulties will be covered.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

SPED 653 Behavioral Assessment and Planning (1 cr)

Prerequisite: SPED 306/SPED 506, and SPED 401/SPED 601; or consent of instructor.

- *Cross-listed with SPED 453. Credit may not be earned in both courses.*

This course will focus on the development of knowledge and skills in the areas of implementing a functional behavior assessment (FBA) and creating a behavior intervention plan (BIP) based on FBA results.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

SPED 655 Advanced Behavioral Intervention for Students with Emotional Behavioral Disabilities (3 crs)

Prerequisite: SPED 306/SPED 506, SPED 401/SPED 601, and SPED 350/SPED 550; or consent of instructor.

- *Cross-listed with SPED 455. Credit may not be earned in both courses.*

This course will assist in the development of knowledge and skills in the areas of social skills training, behavioral techniques, instructional strategies, and collaboration for delivery of intensive behavioral techniques for students with emotional/behavioral disabilities.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 665 Child Abuse and Neglect: Educational Implications (3 crs)

- *Cross-listed with SPED 465. Credit may not be earned in both courses.*

Provides professionals with basic information relative to identifying and reporting suspected cases of child abuse and neglect, effects of abuse and neglect upon the child's total school performance, the role of community agencies, and the school's role in prevention.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 695 Directed Studies in Special Education (1-3 crs)

Consent: Department Consent Required

- *Cross-listed with SPED 495. Arranged by department in response to need.*

Group study, under the immediate direction of a Special Education faculty member, of a defined problem not covered in existing courses.

Attributes: Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated
Grading Basis: No S/U Grade Option

SPED 701 Motor Function in Individuals with Disabilities (3 crs)

Theories, research, methods, and implementation of motor development programs for children and adolescents with disabilities.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 708 Introduction to Graduate Studies in Special Education (3 crs)

Consent: Instructor Consent Required

- *Must be taken prior to taking 12 graduate credits in Master's of Special Education (MSE) program.*

Study of issues and trends in special education. Prepares students to be more effective graduate students by developing critical thinking and technical writing skills.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 711 Program Planning for Students with Disabilities (3 crs)

Consent: Instructor Consent Required

Examination of alternative goals, objectives, curriculum, methods, and materials currently for use with students with disabilities.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 729 Organization and Administration of Education Programs for Learners with Disabilities (3 crs)

Prepares teachers, related service personnel, and administrators to function proactively and successfully on behalf of learners with disabilities and their families through family, school, and community partnerships.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 731 Design of Academic and Social Skills Instruction in Special Education (3 crs)

Focuses on effective instruction for students with disabilities. Principles of instructional design lay the foundation for constructing, modifying, and evaluating academic and social skills curricula. Also examines the factors that influence curriculum change and reform.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 735 Intervention for Students with Academic or Social Needs (3 crs)

Prerequisite: SPED 401/SPED 601 and SPED 431/SPED 631 or consent of instructor.

Supervised experience teaching in a summer clinic. Use of curriculum-based assessment to monitor academic, social, and behavioral interventions with students who have academic or social needs.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 765 Behavior Management Methods and Curriculum for Students with Severe Emotional Disturbance (3 crs)

Prerequisite: SPED 306/SPED 506, SPED 350/SPED 550, SPED 401/SPED 601.

Focus on management techniques and instructional strategies for the more severely emotionally disturbed. Areas addressed include psychiatric disorders such as depression, school phobia, somatic disorders, personality disorders, and schizophrenia.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 775 Advanced Seminar and Practicum in Assessment (3 crs)

Prerequisite: SPED 401/SPED 601, or SPED 403/SPED 603, or consent of instructor.

Study of advanced skills, current trends, and issues in the assessment of children/youth with disabilities. Includes participation (one weekday per semester) in Human Development Center, educational assessment, report writing, and independent research.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 778 The Special Education Cooperating Teacher (3 crs)

• *Open to approved certified teachers*

Designed to develop competencies in guidance and supervision of practicum with children with disabilities.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 779 Special Education Supervision Practicum (3 crs)

Prerequisite: SPED 778.

• *Current involvement in supervision.*

Designed for cooperating teachers who have completed Sped 778, The Special Education Cooperating Teacher. Supervision competencies are developed through supervising student teachers in school settings.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 782 Special Education Law (3 crs)

This intensive course is designed for graduate level students and addresses federal legislation, regulations, and process and litigation specifically related to special education. In-depth analysis of case law and the implications for the PK-12 education system emphasized.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 784 Issues and Trends in Special Education (2 crs)

Consent: Instructor Consent Required

Contemporary issues and trends in special education, including children's rights, educational needs, practices, and programs.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

SPED 786 Leadership in Special Education (3 crs)

Prerequisite: SPED 782

Consent: Instructor Consent Required

This course addresses leadership and administration of PK-12 special education programs. Operational responsibilities will be analyzed.

Attributes: Special Course Fee Required Varies by Term/Section
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

SPED 787 Practicum: Leadership in Pupil Services (3 crs)

Prerequisite: SPED 782

Practicum Hours: 3 This course addresses leadership and administration of PK-12 pupil services programs. Operational responsibilities will be analyzed.

Grading Basis: No S/U Grade Option

Lab/Studio Hours: 0

SPED 789 Leadership in Special Education and Pupil Services (3 crs)

Prerequisite: SPED 782, SPED 786, and SPED 787.

Consent: Instructor Consent Required

This field-/seminar-based course, which includes a 150-hour practicum, is the culminating experience for Special Education Director/Director of Pupil Services licensure. Seminar component addresses issues encountered by Directors of Special Education and/or Pupil Services.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 793 Directed Studies in Education (1-3 crs)

- Approval of department chair and associate dean.

Group study, under the immediate supervision of a Department of Special Education staff member, of a defined problem or issue not covered in existing courses.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

SPED 795 Research Paper (1-2 crs)

Repeat: Course may be repeated

Grading Basis: PR Only Grade Basis

SPED 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

SPED 799 Thesis (1-6 crs)

- Full-time equivalent.

A description of acceptable topics and the precise nature of the thesis requirement is provided in the departmental program descriptions.

Repeat: Course may be repeated

Grading Basis: PR Only Grade Basis

Theatre Arts (THEA)

THEA 101 Theatre Appreciation (3 crs)

- No credit toward theatre arts majors.

A study of the process of theatrical production--from page to the stage--and its relevance as a form of cultural expression in the contemporary world.

Attributes: GE IVA Humanities-Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

THEA 121 Introduction to Technical Theatre (3 crs)

Theory and practical application in basic phases of technical theatre production, including scenic, electric, and costume construction.

Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity

Lecture/Discussion Hours: 2

Lab/Studio Hours: 4

THEA 123 Voice and Diction (3 crs)

Study of voice and articulation for actors and other performers. Exercises designed for the development of relaxed, controlled, and articulate speech for performance.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

THEA 125 Introduction to Theatre History (3 crs)

Theatre as an art form, dramatic structure, and criticism. Major eras of Western theatre: contributions to dramatic literature, physical theatre, acting, production, and dramatic theory.

Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

THEA 130 Beginning Acting (3 crs)

Theory and practical applications of basic acting skills through exercises, improvisation and scripted scenes.

Attributes: GE IVA Humanities-Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 4

THEA 151 Costume Shop Practicum (1 cr)

A practical learning experience of the costume shop area of a theatrical shop.

Repeat: Course may be repeated for a maximum of 8 credits

THEA 152 Scenic Shop Practicum (1 cr)

A practical learning experience of the production area of a theatrical shop.

Repeat: Course may be repeated for a maximum of 8 credits

THEA 153 Light/Sound Shop Practicum (1 cr)

A practical learning experience of the production area of a theatrical shop.

Repeat: Course may be repeated for a maximum of 8 credits

THEA 170 Acting-Minor Roles/Chorus (1 cr)

Consent: Department Consent Required

Participation in theatrical productions.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 8 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

THEA 171 Assistant Stage Manager (1 cr)

Consent: Department Consent Required

Participation in theatrical productions.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 8 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

THEA 172 Scenic Construction Crew (1 cr)

Consent: Department Consent Required

Participation in theatrical productions.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 8 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

THEA 173 Light/Sound Board Operator (1 cr)

Consent: Department Consent Required

Participation in theatrical productions.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 8 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

THEA 174 Costume Crew (1 cr)

Consent: Department Consent Required

Participation in theatrical productions.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 8 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

THEA 175 Stage/Properties Crew (1 cr)

Consent: Department Consent Required

Participation in theatrical productions.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 8 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

THEA 176 Makeup Crew (1 cr)

Consent: Department Consent Required

Participation in theatrical productions.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 8 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

THEA 177 Publicity Crew (1 cr)

Consent: Department Consent Required

Participation in theatrical productions.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 8 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

THEA 178 Electrics Crew (1 cr)

Consent: Department Consent Required

Participation in theatrical productions.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 8 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

THEA 179 Special Effects/Sound Facilitator (1 cr)

Consent: Department Consent Required

Participation in theatrical productions.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 8 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

THEA 220 Stage Makeup (3 crs)

A hands-on exploration of the materials, principles, and techniques used in makeup design/application for the stage to achieve a variety of character effects.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

THEA 221 Introduction to Design (3 crs)

Prerequisite: THEA 121

Introduction to all elements of design culminating in a theoretical project across all major design disciplines. This course builds on the foundational knowledge established in Theatre 121.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

THEA 224 Costume Technology (3 crs)

A lecture/laboratory course in costume construction and sewing for the stage. Principles of patterning, fabric dyeing, shop safety, and costume crafts addressed.

Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

THEA 227 American Musical Theatre (3 crs)

The history and development of contemporary musical theatre, including the study of major productions and collaborators.

Attributes: GE IVA Humanities-Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

THEA 239 Stage Movement (3 crs)

Introduction to basics of stage movement aimed primarily at developing skill and expressiveness in acting. Follows an active, learning-through-participation approach.

Lecture/Discussion Hours: 0
Lab/Studio Hours: 4

THEA 271 Stage Management (3 crs)

Prerequisite: THEA 121, THEA 130.

An introduction to the preparation and practice of stage and production management.

Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

THEA 291 Special Topics (1-3 crs)

• See current Class Schedule for topic, prerequisites, and restrictions.

Topic and content to be determined by Theatre Arts faculty, based upon student interest and need. Possible topics include Dance for Theatre, Script Analysis, or study and analysis of plays representing a specific era or genre.

THEA 314 Feminist Theatre (3 crs)

• Credit may not be earned in both THEA 314 and WMNS 314.

A survey of various expressions of feminist theatre from several locales (Latin America, Europe, Britain, and the U.S.) 1960 to the present.

Attributes: GE IVA Humanities-Fine Arts, LE-I1 Integration, LE-K4 Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

THEA 321 Scenic Design (3 crs)

Prerequisite: THEA 121 and THEA 125 or consent of instructor.

Analysis of scripts and elements of design. Development of creativity, understanding various design elements as related to production styles. Experience in construction of scenic models, drafting, and practical projects in computer design and imaging.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

THEA 324 Costume Design (3 crs)

Prerequisite: THEA 221 and THEA 224.

Introduction to the theory and practice of costume design. Includes instruction of period research, rendering techniques, and the process of costume design for script analysis, leading to the design of a workable stage costume.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

THEA 325 Theatre History and Literature (3 crs)

Prerequisite: THEA 125

Study and discussion of major dramatic works and their production from early plays to the mid-nineteenth century, with special focus on the Greeks, Elizabethans, and Restoration drama.

Attributes: GE IVA Humanities-Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

THEA 327 Lighting Design (3 crs)

Prerequisite: THEA 121 and THEA 125 or consent of instructor.

Analysis of light and the written word; development of creativity; understanding use of light in art; and relationship of light to acting and design. Practical projects and work in computer design and imaging.

Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

THEA 330 Advanced Acting (3 crs)

Prerequisite: THEA 130

Continuation of acting skills. Emphasis on student projects which require advanced techniques in performance: rhythms and musical comedy. Makeup labs.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

THEA 331 Styles in Acting (3 crs)

Prerequisite: THEA 130

Continuation of acting skills. Emphasis on in-class scene work, script and character analysis, externalization.

Lecture/Discussion Hours: 4

Lab/Studio Hours: 4

THEA 332 Directing (3 crs)

Prerequisite: THEA 121 and THEA 130.

Principles and fundamentals of stage directing including analysis, staging and rehearsal techniques with emphasis on laboratory scene work.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

THEA 335 Drama in Education (3 crs)

An introduction to the theory and practice of a variety of Drama-in-Education techniques for use in elementary and secondary classrooms, as well as community contexts.

Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

THEA 336 Theatre for Youth (3 crs)

A critical and historical survey of dramatic literature for children and youth.

Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts, LE-S3 Creativity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

THEA 351 Advanced Costume Shop Practicum (1 cr)

Prerequisite: THEA 151

Consent: Instructor Consent Required

Advanced practical learning experience of a theatrical shop. Students will be expected to use shop skills learned in Theatre 151 to work in a specific shop area or special project.

Repeat: Course may be repeated for a maximum of 8 credits

THEA 352 Advanced Scenic Shop Practicum (1 cr)

Prerequisite: THEA 152

Consent: Instructor Consent Required

Advanced practical learning experience of a theatrical shop. Students will be expected to use shop skills learned in Theatre 152 to work in a specific shop area or special project.

Repeat: Course may be repeated for a maximum of 8 credits

THEA 353 Advanced Light/Sound Shop Practicum (1 cr)

Prerequisite: THEA 153

Consent: Instructor Consent Required

Advanced practical learning experience of a theatrical shop. Students will be expected to use shop skills learned in Theatre 153 to work in a specific shop area or special project.

Repeat: Course may be repeated for a maximum of 8 credits

THEA 361 Teaching Theatre Arts (2 crs)

Prerequisite: Completion of or concurrent enrollment in ES 312, ES 318 and ES 328. Limited to teaching majors admitted to COEHS. Minimum resident and total GPA of 2.75.

- *Credit may be earned in only one of the following: ES 361, THEA 361, ES 360, THEA 360.*

A study and analysis of current materials including textbooks, assessment tools, and teaching styles. Preparation for play production, classroom units, and advocacy tools.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

THEA 370 Acting-Major Roles (1 cr)

Consent: Department Consent Required

Participation in theatrical productions.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 8 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

THEA 371 Stage Manager/Assistant Director/Assistant Choreographer (1 cr)

Consent: Department Consent Required

Participation in theatrical productions.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 8 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

THEA 372 Assistant Scenic Design/Assistant Technical Direction (1 cr)

Consent: Department Consent Required

Participation in theatrical productions.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 8 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

THEA 373 Assistant Lighting Design (1 cr)

Consent: Department Consent Required

Participation in theatrical productions.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 8 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

THEA 374 Assistant Costume Design/Shop Supervisor (1 cr)

Consent: Department Consent Required

Participation in theatrical productions.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 8 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

THEA 375 Properties Design (1 cr)

Consent: Department Consent Required

Participation in theatrical productions.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 8 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

THEA 376 Makeup Design (1 cr)

Consent: Department Consent Required

Participation in theatrical productions.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 8 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

THEA 377 Publicity/Program Design (1 cr)

Consent: Department Consent Required

Participation in theatrical productions.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 8 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

THEA 378 Master Electrician (1 cr)

Consent: Department Consent Required

Participation in theatrical productions.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 8 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

THEA 379 House Manager (1 cr)

Consent: Department Consent Required

Participation in theatrical productions.

Attributes: Activity

Repeat: Course may be repeated for a maximum of 8 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 3

THEA 395 Directed Studies (1-3 crs)

Consent: Department Consent Required

Studies of topics in problems in Theatre Arts or Interpretation. Focus of course is different each time it is offered.

Repeat: Course may be repeated

THEA 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

THEA 414 Playwriting (3 crs)

Prerequisite: Six credits in theatre at the 300 level or higher.

Practical experience in dramatic writing. Emphasis on creating characters, building plots, and constructing dialogue.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

THEA 421 Touring Theatre (3 crs)

Prerequisite: THEA 121 and THEA 130.

Consent: Instructor Consent Required

The rehearsal, production, and tour of a theatre for youth production for area elementary or secondary schools.

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 5

THEA 422 Play Production: Technical (3 crs)

Prerequisite: THEA 121 and THEA 125 or consent of instructor.

Contemporary trends in staging and the production problems arising from new types of stages and plays written for conventional stage.

Repeat: Course may be repeated for a maximum of 12 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

THEA 425 Modern Drama and Theatre (3 crs)

Prerequisite: THEA 125

Development of the modern theatre from Ibsen to the present. Includes treatment of drama and theatre architecture of the period.

Attributes: GE IVA Humanities-Fine Arts, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

THEA 432 Advanced Directing (3 crs)

Prerequisite: Grade of at least B- in THEA 332 or consent of instructor.

The director's role in the production process and in creating a style for the production is examined. Exploration of the director's role in communication with designers and staff culminates in the production of a play.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 4.5

Lab/Studio Hours: 0

THEA 434 Theatre Arts Management (3 crs)

Prerequisite: THEA 125 or junior standing.

The management of theatre in school and community including developing skills for creating demand for the product, budgeting time and facilities, marketing, promotion, funding, and career expectations.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

THEA 490 Theatre Arts Seminar (1-3 crs)

• See current Class Schedule for topic and prerequisites.

Exploration of advanced topic for majors and minors in Theatre Arts. Possible topics include "Auditioning," "Contemporary Drama," "Costume Design," and "Playwriting."

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 12 credits

THEA 498 Theatre Arts Internship (3 crs)

Prerequisite: Minimum of 18 theatre credits completed, including THEA 121, THEA 125 and THEA 130. Limited to theater arts majors and minors. Minimum junior standing. Minimum resident and total GPA of 3.00.

Consent: Instructor Consent Required

Opportunity for active involvement and learning in an off-campus producing theatre. Internship opportunities in management, costuming, and other theatre-oriented areas, subject to availability and in cooperation with faculty supervisor.

Attributes: Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering, Internship

Repeat: Course may be repeated for a maximum of 6 credits

THEA 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing.

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

THEA 614 Playwriting (3 crs)

• Cross-listed with THEA 414. Credit may not be earned in both courses.

Practical experience in dramatic writing. Emphasis on creating characters, building plots, and constructing dialogue.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

THEA 625 Modern Drama and Theatre (3 crs)

• Cross-listed with THEA 425. Credit may not be earned in both courses.

Development of the modern theatre from Ibsen to the present. Includes treatment of drama and theatre architecture of the period.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

THEA 632 Advanced Directing (3 crs)

• Cross-listed with THEA 432. Credit may not be earned in both courses.

The director's role in the production process and in creating a style for the production is examined. Exploration of the director's role in communication with designers and staff culminates in the production of a play.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4.5

Lab/Studio Hours: 0

THEA 634 Theatre Arts Management (3 crs)

- Cross-listed with THEA 434. Credit may not be earned in both courses.

The management of theatre in school and community including developing skills for creating demand for the product, budgeting time and facilities, marketing, promotion, funding, and career expectations.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

THEA 690 Theatre Arts Seminar (1-3 crs)

- Cross-listed with THEA 490. See current Class Schedule for topic and prerequisites.

Exploration of advanced topic for majors and minors in Theatre Arts. Possible topics include "Auditioning," "Contemporary Drama," "Costume Design," and "Playwriting."

Repeat: Course may be repeated for a maximum of 12 credits

Grading Basis: No S/U Grade Option

THEA 698 Theatre Arts Internship (3 crs)

Consent: Instructor Consent Required

- Cross-listed with THEA 498.

Opportunity for active involvement and learning in an off-campus producing theatre. Internship opportunities in management, costuming, and other theatre-oriented areas, subject to availability and in cooperation with faculty supervisor.

Attributes: Internship

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

THEA 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Individual project under the direction of a faculty member.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

Unified Early Childhood (UEC)

UEC 220 Introduction to Inclusive Early Childhood Education (3 crs)

Prerequisite: SPED 200

Introduction to history, philosophy, and legal foundation of ECE and early childhood special education and blended/inclusive early childhood education practices. Weekly Field Placement.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

UEC 321 Observation and Informal Assessment of Young Children (2 crs)

Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.

Survey of observational and informal assessment strategies for documenting the developmental changes in young children. Developmental screening and eligibility determination, and planning and monitoring instruction/intervention are included.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

UEC 322 Inclusive Play and Sensory Exploration in Early Childhood Education (3 crs)

Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.

This course emphasizes connections between play/sensory exploration and development in all five domains and pre-academic skills. Theory is integrated into embedding IEP/IFSP goals into the routines, planning environments, and facilitating/extending engagement and social interactions.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

UEC 324 Language and Cultural Diversity in Inclusive Early Childhood Education (3 crs)

Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Limited to SPED, Unified Early Childhood majors admitted to the College of Education and Human Sciences.

Exploration of language/cultural diversity in ECE. Topics include literacy, social and instructional language development in young dual language learners. Strategies for involving families/caregivers in the early literacy process and supporting their language and culture.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

UEC 325 Inclusion and Collaboration in Early Childhood (3 crs)

Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.

Exploration of communication skills, collaboration, co-teaching, itinerant, coaching and consultation models of ECSE and EI services. Working with paraprofessionals, therapists, families, and caregivers to adapt/modify curriculum and participation, as a team will be emphasized.

Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

UEC 421 Early Childhood Pre-Primary Methods (3 crs)

Prerequisite: Grade of B- or above in SPED 200, UEC 220 (formerly SPED 220). Grade of B- or above in UEC 422 or concurrent enrollment. Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.

Instructional and intervention methods for children three-to-six in inclusive settings. Developing/ maintaining healthy, safe, and engaging stands-based learning environments as well as nutrition, program administration, parent involvement, and supervision of classroom staff will be covered.

Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

UEC 422 Pre-Primary Practicum (1 cr)

Prerequisite: Grade of B- or above in SPED 200, UEC 220 (formerly SPED 220). Grade of B- or above in UEC 421 (formerly SPED 421) or concurrent enrollment. Limited to Special Education, Unified Early Childhood majors admitted to College of Education and Human Sciences.

Candidates will develop and teach teacher- and child-directed activities and lessons in an inclusive pre-primary classroom. They will also assist the classroom teacher in monitoring groups and setting up learning areas of the classroom.

Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 1

UEC 424 Inclusive Numeracy and Math: 0-8 (3 crs)

Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.

The developmental process of early numeracy birth throughout third grade mathematics instruction. Emphasis on the mathematical language and early numeracy; facilitating, scaffolding, nurturing, and igniting interest in numeracy and mathematical thinking in young children.

Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

UEC 425 Integrated Curriculum and Inquiry (3 crs)

Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.

Integrated curriculum development and intentionally planning inquiry-based learning connected to the interests of young children. Active, standards-based science, numeracy/literacy, and social studies, promoting social relationships/oral language development, critical thinking and problem solving, in inclusive environments.

Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

UEC 426 Infant and Toddler Intervention and Programming (3 crs)

Prerequisite: Grade of B- or above in SPED 200, UEC 220 (formerly SPED 220). Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.

Infant and toddler early intervention and care with emphasis on Health/safety, nutrition and designing/evaluating effective activities/environments. Cultural competence, Child Find, IFSPs, OSEP accountability, primary provider support model, child care and Parents as Teachers will be addressed. Weekly Field Placement.

Attributes: Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2.5
Lab/Studio Hours: .5

UEC 470 Student Teaching in Early Childhood (4 crs)

Prerequisite: SPED 423, SPED 431; UEC 220, UEC 321, UEC 322, UEC 324, UEC 325, UEC 421, UEC 422, UEC 424, and UEC 425. Minimum GPA of 2.75 in major and minimum total overall GPA of 2.75.

Consent: Department Consent Required

- Admission to the professional semester and department approval is required. Must earn a B- or above in this course.

Practicum Hours: 4 Student teaching in an early childhood education setting all day for six weeks or half days for semester. Three experiences required: ECSE, pre-primary, primary.

Repeat: Course may be repeated for a maximum of 12 credits

Grading Basis: A-F Grades Only

UEC 472 Student Teaching in Early Childhood (3 crs)

Prerequisite: SPED 423, SPED 431; UEC 220, UEC 321, UEC 322, UEC 324, UEC 325, UEC 421, UEC 422, UEC 424, and UEC 425. Minimum GPA of 2.75 in major and minimum total overall GPA of 2.75.

Consent: Department Consent Required

- Admission to the professional semester and departmental approval is required. Must earn a B- or above in this course.

Practicum Hours: 3 Student teaching in an early childhood education setting for candidates seeking to extend a certification.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

UEC 475 Internship Teaching in Early Childhood (7-14 crs)

Prerequisite: SPED 423, SPED 431; UEC 220, UEC 321, UEC 322, UEC 324, UEC 325, UEC 421, UEC 422, UEC 424, and UEC 425. Minimum GPA of 2.75 in major and minimum total overall GPA of 2.75.

Consent: Department Consent Required

- Admission to the professional semester and department approval is required.

Must earn a B- or above in this course. The intern is a paid contractual member of a public school staff who spends an entire semester in a school system, including the opening and closing periods.

Attributes: Internship

Grading Basis: A-F Grades Only

UEC 493 International Experience in Early Childhood (3 crs)

Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Grade of B- or above in UEC 324 or concurrent enrollment. Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.

Consent: Instructor Consent Required

Candidates will assist/teach in an international early childhood classroom. Emphasis is on applying strategies for facilitating social interaction, literacy/numeracy, play, and communication between young children in the home language and English.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

UEC 521 Observation and Informal Assessment of Young Children (2 crs)

Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Limited to Special Education, Unified Early Childhood majors, admitted to the College of Education and Human Sciences.

- Cross-listed with UEC 321. Credit may not be earned in both courses.

Survey of observational and informal assessment strategies for documenting the developmental changes in young children. Developmental screening and eligibility determination, and planning and monitoring instruction/intervention are included.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

UEC 522 Inclusive Play and Sensory Exploration in Early Childhood (3 crs)

Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.

- Cross-listed with UEC 322. Credit may not be earned in both courses.

This course emphasizes connections between play/sensory exploration and development in all five domains and pre-academic skills. Theory is integrated into embedding IEP/IFSP goals into the routines, planning environments, and facilitating/extending engagement and social interactions.

Attributes: Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

UEC 524 Language and Cultural Diversity in Inclusive Early Childhood Education (3 crs)

Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Limited to SPED, Unified Early Childhood majors admitted to the College of Education and Human Sciences.

- Cross-listed with UEC 324. Credit may not be earned in both courses.

Exploration of language/cultural diversity in ECE. Topics include literacy, social and instructional language development in young dual language learners. Strategies for involving families/caregivers in the early literacy process and supporting their language and culture.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

UEC 525 Inclusion and Collaboration in Early Childhood (3 crs)

Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.

- *Cross-listed with UEC 325. Credit may not be earned in both courses.*

Exploration of communication skills, collaboration, co-teaching, itinerant, coaching and consultation models of ECSE and EI services. Working with paraprofessionals, therapists, families, and caregivers to adapt/modify curriculum and participation, as a team will be emphasized.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

UEC 621 Early Childhood Pre-Primary Methods (3 crs)

Prerequisite: Grade of B- or above in SPED 200, UEC 220 (formerly SPED 220). Grade of B- or above in UEC 422 or concurrent enrollment. Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.

- *Cross-listed with UEC 421. Credit may not be earned in both courses.*

Instructional and intervention methods for children three-to-six in inclusive settings. Developing/maintaining healthy, safe, and engaging standards-based learning environments as well as nutrition, program administration, parent involvement, and supervision of classroom staff will be covered.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

UEC 622 Pre-Primary Practicum (1 cr)

Prerequisite: Grade of B- or above in SPED 200, UEC 220 (formerly SPED 220). Grade of B- or above in UEC 421 (formerly SPED 421) or concurrent enrollment. Limited to Special Education, Unified Early Childhood majors admitted to College of Education and Human Sciences.

- *Cross-listed with UEC 422. Credit may not be earned in both courses.*

Candidates will develop and teach teacher- and child-directed activities and lessons in an inclusive pre-primary classroom. They will also assist the classroom teacher in monitoring groups and setting up learning areas of the classroom.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 0
Lab/Studio Hours: 1

UEC 624 Inclusive Numeracy and Math: 0-8 (3 crs)

Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.

- *Cross-listed with UEC 424. Credit may not be earned in both courses.*

The developmental process of early numeracy birth throughout third grade mathematics instruction. Emphasis on the mathematical language and early numeracy; facilitating, scaffolding, nurturing, and igniting interest in numeracy and mathematical thinking in young children.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

UEC 625 Integrated Curriculum and Inquiry (3 crs)

Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.

- *Cross-listed with UEC 425. Credit may not be earned in both courses.*

Integrated curriculum development and intentionally planning inquiry-based learning connected to the interests of young children. Active, standards-based science, numeracy/literacy, and social studies, promoting social relationships/oral language development, critical thinking and problem solving, in inclusive environments.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

UEC 626 Infant and Toddler Intervention and Programming (3 crs)

Prerequisite: Grade of B- or above in SPED 200, UEC 220 (formerly SPED 220). Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.

- *Cross-listed with UEC 426. Credit may not be earned in both courses.*

Infant and toddler early intervention and care with emphasis on Health/safety, nutrition and designing/evaluating effective activities/environments. Cultural competence, Child Find, IFSPs, OSEP accountability, primary provider support model, child care and Parents as Teachers will be addressed. Weekly Field Placement.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2.5
Lab/Studio Hours: .5

UEC 693 International Experience in Early Childhood (3 crs)

Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Grade of B- or above in UEC 324 or concurrent enrollment. Limited to Special Education, Unified Early Childhood majors, admitted to College of Education and Human Sciences.

Consent: Instructor Consent Required

• *Cross-listed with UEC 493. Credit may not be earned in both courses.*

Candidates will assist/teach in an international early childhood classroom. Emphasis is on applying strategies for facilitating social interaction, literacy/numeracy, play, and communication between young children in the home language and English.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

Womens Studies (WMNS)

WMNS 100 U.S. Women's Experience: Gender, Race, and Class (3 crs)

Prerequisite: Not available for juniors or seniors.

Interdisciplinary introduction examining how issues of identity, body image, sexuality, relationships, work, welfare, health, crime, the military, the environment, and global corporate economy are affected by the lived experience of gender, race, and class in the United States.

Attributes: Cultural Diversity 1 cr., GE IVE Humanities-Interdisciplinary Studies, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity, Service-Learning Optional

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 101 Engaging Women's Studies (1 cr)

Prerequisite: WMNS 100 or WMNS 301, or concurrent enrollment in WMNS 100 or WMNS 301. No credit if taken after WMNS 311. Limited to Women's studies majors and minors and certificate students.

• *Students working on the women's studies certificate program requirements should see instructor for permission to enroll in this course.*

Majors, minors and certificate students in Women's Studies will begin to strategize ways of engaging feminist principles, knowledge, and skills in personal, academic, and professional settings.

Grading Basis: S/U Only Grade Basis

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

WMNS 111 Gender, Race, Class, and Communication: The Social Construction of Identity (3 crs)

• *Credit may not be earned in both CJ 111 and WMNS 111.*

Students investigate ways in which perceptions of, and experiences with, gender, race, and class are communicatively constructed. Focus on communication theories and methods and how gender, race, and class influence personal, group, and organizational communication.

Attributes: Cultural Diversity 1 cr., GE IA Communication-Language Arts, LE-DDIV Design for Diversity, LE-I1 Integration, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 200 Introduction to Feminist Theories (3 crs)

Prerequisite: WMNS 100 or WMNS 301 or consent of instructor. No credit if taken after WMNS 305/ WMNS 505.

Explore a range of feminist intellectual traditions in their original contexts and develop theoretical analyses of contemporary issues.

Attributes: Cultural Diversity 1 cr., GE III G Social Science-Interdisciplinary Study

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 202 Women and Men in Society: The Sociology of Gender (3 crs)

• *Credit may not be earned in both SOC 202 and WMNS 202.*

An examination of women's and men's relationships and roles in the United States and in other societies; the development and consequences of gender identity and gender roles for individuals, relationships, and society.

Attributes: GE III F Social Science-Sociology, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 203 Women and World Religions (3 crs)

• *Credit may not be earned in both RELS 203 and WMNS 203. No credit if taken after ANTH 354 or RELS 354.*

Surveys women's religious lives historically and cross-culturally, focusing on pre-patriarchal religions and non-Western traditions. Attention will be given to goddesses in world religions. The course will end with feminist issues in world religions.

Attributes: Foreign Culture, Cultural Diversity 1 cr., GE IV B Humanities-Philosophy/Religious Studies

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 205 American Women's History (3 crs)

• *Credit may not be earned in both HIST 205 and WMNS 205.*

A survey of the history of women from precolumbian America to the present. Provides a basis for understanding the historical experience of women from diverse cultural origins including Native American, African American, Asian American, Latin American, and Euro American women.

Attributes: Cultural Diversity 3 cr., GE IVC Humanities-History, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WMNS 206 Perspectives in LGBTQ Studies (3 crs)

Interdisciplinary and cross-cultural examination of heterosexism, LGBTQ social movements, and social policies that affect LGBTQ rights through the lenses of feminist and queer theories. Exposure to LGBTQ representations in literature, media, film, and popular culture.

Attributes: Cultural Diversity 1 cr., GE IIIG Social Science-Interdisciplinary Study, LE-DDIV Design for Diversity, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WMNS 210 Culture of Third Wave Feminism (3 crs)

• *Credit may not be earned if taken after WMNS 280 when offered as Culture of Third Wave.*

Explores third wave feminist culture which is defined by age--born 1964-1973--or by ideology: untrammled feminist heroine who is assertive, exuberantly pro-sex, yet determined to hold her own in the world.

Attributes: Cultural Diversity 1 cr., GE IVE Humanities-Interdisciplinary Studies, LE-K3 Humanities, LE-R3 Civic and Environmental Issues
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WMNS 215 African-American Feminism in the Humanities (3 crs)

Materials from several academic disciplines (women's studies, English language and literature, history, and cultural studies) will examine feminist perspectives on various topics from an African-American standpoint.

Attributes: Cultural Diversity 3 cr., GE IVE Humanities-Interdisciplinary Studies, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WMNS 222 Women's Studies Introductory Travel Seminar (1-3 crs)

Prerequisite: One course in women's studies or its equivalent as approved by the instructor.

Consent: Instructor Consent Required

Introductory study of topics and issues in women's studies with domestic or international travel to locations that relate specifically to the selected topic or issues. Topics, issues, locales, and other academic experiences vary by offering.

Attributes: GE IIIG Social Science-Interdisciplinary Study, Field Trip(s) Required, Special Course Fee Required Varies by Term/Section
Repeat: Course may be repeated for a maximum of 6 credits

WMNS 224 Music and Gender (3 crs)

• *Credit may not be earned in both MUSI 224 (formerly MUSI 306) and WMNS 224 (formerly WMNS 306).*

Addresses the relationship between music and gender, how music reflects and influences gender construction, and the role of women in musical culture (composers, song-writers, performers, and patrons). No prior knowledge of music assumed.

Attributes: Cultural Diversity 1 cr., GE IVA Humanities-Fine Arts, LE-DDIV Design for Diversity, LE-K4 Fine Arts, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WMNS 250 Feminist Research Methodologies (3 crs)

Prerequisite: WMNS 100 or WMNS 301; and WMNS 200; or consent of instructor.

Students explore the social construction of knowledge, compare feminist and adocentric research methods; examine feminist scholarship across disciplines; and integrate scholarly and applied research with social justice work by identifying community needs.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WMNS 260 Masculinity Studies and Feminist Theories (3 crs)

Explores various topics associated with masculinity or manhood within a pro-feminist framework from several academic disciplines, such as women's studies, English, history, philosophy, religious studies, psychology, and/or sociology.

Attributes: GE IVE Humanities-Interdisciplinary Studies, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WMNS 265 Women's Health Issues (3 crs)

• *Credit may not be earned in both NRS 265 and WMNS 265. Open to all majors.*

Explores a wide range of women's health issues within the context of developmental changes, environmental influences, normal health processes, wellness, and health concerns. Examines health promotion, cultural diversity, and social relations of gender related to women's health.

Attributes: Wellness Theory, Cultural Diversity 1 cr., GE V University Wide
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WMNS 296 Perspectives on Women's Literature (3 crs)

• *Credit may not be earned in both ENGL 296 and WMNS 296 unless topics differ. See current Class Schedule for specific theme or topic.*

Analyzes representative texts by women. Attention given to historical and critical/theoretical questions relevant to understanding women's achievements in such areas as writing for literary fame, artistic creation, religious expression, political resistance, and economic survival.

Attributes: Cultural Diversity 1 cr., GE IVD Humanities-Literature, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Repeat: Course may be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WMNS 301 Examining Women's Studies (3 crs)

Interdisciplinary overview focusing on women's lives in the United States and globally, as influenced by gender, ethnicity, class, sexuality, cultural institutions, social practices, and representations. Familiarizes students with fundamental concepts and analysis tools in women's studies.

Attributes: Foreign Culture, Cultural Diversity 1 cr., GE IVE Humanities-Interdisciplinary Studies, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity, LE-R2 Global Perspectives, Service-Learning Optional
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WMNS 308 Topics in LGBTQ Studies (3 crs)

Prerequisite: WMNS 206 or WMNS 406 or consent of instructor.

This course provides students with an opportunity to investigate a specific topic in LGBTQ Studies. Topics studied vary from semester to semester.

Attributes: Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WMNS 310 Women and Violence (3 crs)

Prerequisite: No credit if taken after WMNS 480, Women and Violence.

The class explores the pattern of women and violence in the United States. It will examine how social, religious, and government systems may perpetuate violence against women, yet also intervene to end it.

Attributes: GE IIIG Social Science-Interdisciplinary Study
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WMNS 313 Gender, Sex, and Science in European History (3 crs)

Prerequisite: Six credits of history and/or women's studies, or junior standing, or consent of the instructor.

• *Credit may not be earned in both HIST 313 and WMNS 313.*

This course examines recent scholarship in European history on gender, sexuality, science, and the body. It focuses on the historical construction of gender and sexuality, the gendering of science, inclusion/exclusion in academic and scientific work.

Attributes: Foreign Culture, GE IVC Humanities-History, LE-R1 Equity, Diversity, and Inclusivity, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WMNS 314 Feminist Theatre (3 crs)

• *Credit may not be earned in both THEA 314 and WMNS 314.*

A survey of various expressions of feminist theatre from several locales (Latin America, Europe, Britain, and the U.S.) 1960 to the present.

Attributes: GE IVA Humanities-Fine Arts, LE-I1 Integration, LE-K4 Fine Arts
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WMNS 317 Diversity and Communication: Organizational and Media Contexts (3 crs)

Prerequisite: Minimum sophomore standing.

• *Credit may not be earned in both CJ 317 and WMNS 317.*

Reading, writing, and discussion about how gender, race, class, sexual-orientation, (dis)ability, and psychographics intersect in organizational and media contexts. Emphasizes collaborative learning, research, and activism to analyze perceptions, language choices, and behaviors surrounding diversity.

Attributes: GE IA Communication-Language Arts, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WMNS 332 Women in African Literature (3 crs)

• *Credit may not be earned in both ENGL 332 and WMNS 332.*

Using cultural and historical perspectives, the course interprets images of women in African literature, emphasizing how the experiences of phases of colonialism have continued to transform women's images, roles, and prospects in society.

Attributes: Foreign Culture, GE IVD Humanities-Literature

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 335 Transnational/Global Feminisms (3 crs)

Prerequisite: Minimum junior standing and one previous women's studies course, or consent of instructor.

Provides frameworks for understanding the complexity of women's lives outside the USA. Includes theories for local as well as global/transnational understandings of the factors enabling women to mobilize and enact changes to improve their lives.

Attributes: Foreign Culture, GE IIIG Social Science-Interdisciplinary Study, LE-R1 Equity, Diversity, and Inclusivity, LE-R2 Global Perspectives, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

Lab/Studio Hours: 0

Seminar Hours: 3

WMNS 336 Psychology of Women (3 crs)

Prerequisite: PSYC 100 and minimum sophomore standing.

• *Credit may not be earned in both PSYC 336 and WMNS 336.*

Advanced undergraduate/graduate seminar designed to examine how both traditional and feminist psychological theories and research apply to women's lives. Topics include sexuality, violence, gender roles, work, relationships, body image, reproduction, motherhood, and sexual orientation.

Attributes: Cultural Diversity 1 cr., GE IIIE Social Science-Psychology, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 337 Women and the Labor Market (3 crs)

• *Credit may not be earned in both ECON 337 and WMNS 337.*

Examination of theories of economic discrimination, recent experiences of women in labor markets in various countries, effects of governments and international agencies on earnings and employment, and the future role of women in modern economies.

Attributes: Cultural Diversity 1 cr., GE IIIB Social Science-Economics

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 344 Women, Work and Family (3 crs)

Prerequisite: Minimum sophomore standing.

• *No credit if taken after WMNS 433 when offered as Women & Work-Family Issues.*

Feminist analysis of work-family issues with emphasis on women's experiences. Contemporary and/or historical perspectives on intersections of work and family, potentially including multicultural, social, psychological, economic, queer, and/or additional perspectives will be explored.

Attributes: GE IIIG Social Science-Interdisciplinary Study, Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 351 Women and Politics (3 crs)

• *Credit may not be earned in both POLS 351 and WMNS 351.*

Analysis of women's roles and participation in politics: as citizens, voters, candidates, and officeholders. The impact of feminism and the women's movement on issues and policymaking.

Attributes: GE IIID Social Science-Political Science, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 352 Gender and Politics in Global Perspective (3 crs)

• *Credit may not be earned in both POLS 352 and WMNS 352.*

This course surveys important topics in the study of gender and politics in global perspective.

Attributes: Foreign Culture, GE IIID Social Science-Political Science, LE-K2 Social Sciences, LE-R2 Global Perspectives

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 356 Women in Cross-Cultural Perspective (3 crs)

• *Credit may not be earned in both ANTH 356 and WMNS 356.*

Study of women's domestic, social, economic, political, and religious roles in a broad range of the world's societies. Examination of the historical development of women's roles and contemporary changes.

Attributes: Foreign Culture, GE IIIA Social Science-Anthropology, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 357 Women and Economic Development (3 crs)

- *Credit may not be earned in both ECON 357 and WMNS 357. No credit if taken after WMNS 480 in Summer of 2001.*

Provides economic, institutional, and feminist frameworks for understanding socioeconomic realities of women in Asia, Africa, Latin American, and the Middle East. Topics analyzed include changing roles of women in economy and household during the process of economic development.

Attributes: Foreign Culture, GE IIIB Social Science-Economics, LE-I1 Integration, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WMNS 363 Studies of Women in Mathematics (1-3 crs)

Prerequisite: WMNS 100 or WMNS 215 or WMNS 250 or WMNS 301; completion of mathematics competency.

- *May not be counted for credit toward a major or minor in mathematics.*

Studies of the history and contributions of women in mathematics, and of special interest to students and faculty. The particular focus will vary.

Attributes: GE V University Wide, Undergraduate/Graduate Offering
Repeat: Course may be repeated for a maximum of 6 credits

WMNS 373 American Women's History to 1870 (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

- *Credit may not be earned in both HIST 373 and WMNS 373.*

Examines the history of black, white, and red women, including gender politics; women as the co-creators of culture; changes related to education, religion, work, sexuality, and marriages; and women and revolution and war.

Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WMNS 374 Ojibwe Women, Ecofeminism, and Botanical Knowledge (3 crs)

- *Credit may not be earned in both WMNS 374 and AIS 374.*

Students learn about the life-long association of Anishinaabe women and plants of their environment, how plants surround their entire lives, and how they interact with plants on physical, spiritual, and metaphysical levels.

Attributes: Cultural Diversity 3 cr., GE IIIG Social Science-Interdisciplinary Study, Special Course Fee Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WMNS 375 Ecofeminism - Women's Studies and Environmental Justice (3 crs)

- *No credit if taken after WMNS 433, when offered as Ecofeminism.*

Study of women's experiences in relation to the natural world; linkages between the oppression of the natural world and women, and global efforts to confront the oppression. Focuses on women's interconnectedness with environmental justice and sustainable agriculture movements.

Attributes: GE IIIG Social Science-Interdisciplinary Study, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WMNS 377 Philosophy and Feminism (3 crs)

Prerequisite: One course in philosophy or women's studies.

- *Credit may not be earned in both PHIL 377 and WMNS 377.*

A study of recent trends in feminist philosophy with emphasis upon feminist thinking in the areas of ethics, social philosophy, and theory of knowledge.

Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WMNS 378 American Women's History Since 1870 (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

- *Credit may not be earned in both HIST 378 and WMNS 378.*

Explores women's relationship to the economy and to political movements; changing ideals of womanhood; the demographic and sexual revolutions; and class, race, ethnic, and regional variations in women's experience.

Attributes: Cultural Diversity 1 cr., GE IVC Humanities-History, Undergraduate/Graduate Offering
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WMNS 380 Women and Artifacts (3 crs)

Prerequisite: One course in Women's Studies, or junior standing, or consent of instructor.

- *No credit if taken after WMNS 434 when offered as Women and Artifacts or WMNS 280 when offered as Reconstructing the Lives of Early American Women.*

Material Culture Studies approach to feminist recovery of women's stories and histories. Examines women as cultural producers, users, and consumers. Contrasts women's and marginalized groups' contributions with patriarchal and dominant versions.

Attributes: GE IVE Humanities-Interdisciplinary Studies, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WMNS 385 The History of Middle Eastern Muslim Women (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.

- *Credit may not be earned in both HIST 385 and WMNS 385.*

Examines the lives of Middle Eastern Muslim Women, and the ways in which people have represented them, from the seventh through the twentieth centuries. Considers feminist, historicist, and post-modern interpretations.

Attributes: GE IVC Humanities-History, LE-I1 Integration, LE-R2 Global Perspectives, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 394 Studies in the History of Women (1-3 crs)

Selected aspects depending on student interest and staff. Number of credits assigned will vary according to nature of topic. Possible topics include a survey of entire history of women in Western world or women in American history. Consult schedule or department office for current offering.

Attributes: GE IVC Humanities-History, Undergraduate/Graduate Offering

Repeat: Course may be repeated

WMNS 395 Directed Studies (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

- *Students may apply a maximum of six credits from WMNS 395 and WMNS 498 toward fulfillment of the requirements for the Women's Studies minor.*

Study of a women's studies problem or topic approved by supervising instructor and women's studies coordinator. May be applied to the Critical Research Project requirement for the Women's Studies minor. May also address individual or group projects for exploration of topical issues or questions confronted in other courses. Ordinarily, this course will involve only students who have completed some Women's Studies coursework.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

WMNS 396 Studies in Women's Literature (3 crs)

- *Credit may not be earned in both ENGL 396 and WMNS 396 unless topics differ. See current Class Schedule for specific theme or topic.*

Study of a particular problem, genre, or literary period within that literature written by or about women, such as "Our Literary Foremothers" or "Jane Eyre's Literary Daughters".

Attributes: GE IVD Humanities-Literature

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 397 Student Academic Apprenticeship in Women's Studies (1-3 crs)

Prerequisite: WMNS 100 or WMNS 301. Limited to Women's Studies majors and minors. Minimum GPA of 3.5 in WMNS courses.

Consent: Department Consent Required

Qualified students, selected and closely supervised by faculty members, facilitate teaching and learning in a specific Women's Studies or cross-listed course.

Attributes: Internship

Repeat: Course may be repeated for a maximum of 3 credits

Grading Basis: A-F Grades Only

WMNS 406 Queer Theories and Sexual Politics (3 crs)

Prerequisite: WMNS 200 or WMNS 206 or WMNS 305 or three credits of women's studies courses, or consent of instructor.

- *With permission of the instructor, a feminist theory course in another discipline may fulfill the prerequisite.*

Seminar addresses theoretical and political debates that confront the institution of heterosexuality. Queer theorists contextualize gender and sexualities within LGBTQ social movements for civil rights. Explores intersectionality of LGBTQ oppression (heterosexism) with other social forces.

Attributes: Cultural Diversity 1 cr., Undergraduate/Graduate Offering

Lab/Studio Hours: 0

Seminar Hours: 3

WMNS 419 Sociology of Women (3 crs)

Prerequisite: SOC 101

- *Credit may not be earned in both SOC 419 and WMNS 419.*

Sociological analysis of women's statuses and roles in American society, focusing on socialization experiences, family, work, and sexual roles. Attention is also focused on contemporary issues and the experiences of American women.

Attributes: Cultural Diversity 1 cr.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 422 Women's Studies Advanced Travel Seminar (1-6 crs)

Prerequisite: One course in women's studies and minimum junior standing.

Consent: Instructor Consent Required

In-depth study of topics and issues in women's studies with domestic or international travel to locations that relate specifically to the selected topic or issue. Topics, issues, locales, and other academic experiences vary by course offering.

Attributes: GE IIIG Social Science-Interdisciplinary Study, Field Trip(s) Required, Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated for a maximum of 6 credits

WMNS 431 Women and Communication (1-3 crs)

Prerequisite: Minimum junior standing.

Addresses issues related to communication, women, and/or gender.

Attributes: GE IC Communication-Interdisciplinary Studies, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 3 credits

WMNS 432 Women and Science (1-3 crs)

Prerequisite: Minimum junior standing.

Explores gender issues in science. Examines questions of gender-related bias in scientific content, methodologies, project execution and analysis. Consideration of the status of women in science.

Attributes: GE IIF Natural Science-Interdisciplinary Studies, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 3 credits

WMNS 433 Women and Social Science (1-3 crs)

Prerequisite: Minimum junior standing.

Addresses issues related to the social sciences, women, and/or gender.

Attributes: GE IIIG Social Science-Interdisciplinary Study, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 3 credits

WMNS 434 Women and the Humanities (1-3 crs)

Prerequisite: Minimum junior standing.

Addresses issues related to the humanities, women, and/or gender.

Attributes: GE IVE Humanities-Interdisciplinary Studies, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 3 credits

WMNS 436 Education of Girls and Women in the United States (2 crs)

Prerequisite: Minimum junior standing.

- *Credit may not be earned in both ES 436 and WMNS 436. No credit if taken after special topics or directed study with the same title.*

This course will focus on both informal and formal definitions of schooling and explore a wide array of influences and choices that contribute to the preparation of resilient women who grow and change through their life-time.

Attributes: Cultural Diversity 1 cr., GE V University Wide, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

WMNS 482 Women in Latin American Literature (3 crs)

Prerequisite: SPAN 363 or SPAN 367/LAS 367.

- *Credit may not be earned in both SPAN 482 and WMNS 482.*

This course is an in-depth study of the representation of women in contemporary Spanish American literature in their historical, cultural, and social contexts. Taught entirely in Spanish.

Attributes: Foreign Culture, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 490 Feminist Analysis and Practices: Interdisciplinary Themes (3 crs)

Prerequisite: WMNS 100 or WMNS 301, and WMNS 200 or WMNS 305, and WMNS 250; or consent of instructor.

Comparative study of the theories and methods of feminism, from historical, multidisciplinary, and cross-cultural perspectives. Examines theoretical foundations, current debates and advances in feminist scholarship.

Attributes: Cultural Diversity 1 cr., Service-Learning Optional Half, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 496 Capstone: Social Justice Practicum (3 crs)

Prerequisite: WMNS 100 or WMNS 301, WMNS 101 or WMNS 311, WMNS 200 or WMNS 305, and WMNS 250. Limited to women's studies majors and minors. Consent: Department Consent Required

As a culminating experience, students work collectively to understand and address community needs. Collaborating with a community organization and guided by feminist approaches to social justice, students strategize, implement and assess a plan of action.

Attributes: Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering, Capstone Course, Field Trip(s) Required

Grading Basis: No S/U Grade Option

Seminar Hours: 3

WMNS 498 Women's Studies Internship (1-3 crs)

Prerequisite: Three credits from WMNS courses. Minimum junior standing.

Consent: Department Consent Required

- *Students may apply a maximum of six credits from WMNS 395 and WMNS 498 toward fulfillment of the requirements for the Women's Studies minor.*

Supervised application and examination of Women's Studies theory in a professional setting related to the student's area of interest.

Attributes: Service-Learning Variable, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

WMNS 508 Topics in LGBTQ Studies (3 crs)

Prerequisite: WMNS 206 or WMNS 406 or consent of instructor.

- Cross-listed with WMNS 308.

This course provides students with an opportunity to investigate a specific topic in LGBTQ Studies. Topics studied vary from semester to semester.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 513 Gender, Sex, and Science in European History (3 crs)

- Cross-listed with HIST 313/HIST 513 and WMNS 313. Credit may only be earned in one of these courses.

This course examines recent scholarship in European history on gender, sexuality, science, and the body. It focuses on the historical construction of gender and sexuality, the gendering of science, inclusion/exclusion in academic and scientific work.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 535 Transnational/Global Feminisms (3 crs)

Prerequisite: One previous women's studies course or consent of instructor.

- Cross-listed with WMNS 335.

Provides frameworks for understanding the complexity of women's lives outside the USA. Includes theories for local as well as global/transnational understandings of the factors enabling women to mobilize and enact changes to improve their lives.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Lab/Studio Hours: 0

Seminar Hours: 3

WMNS 536 Psychology of Women (3 crs)

- Cross-listed with WMNS 336 and PSYC 336/PSYC 536. Credit may only be earned in one of these courses.

Advanced undergraduate/graduate seminar designed to examine how both traditional and feminist psychological theories and research may apply to women's lives. Topics include sexuality, violence, gender roles, work, relationships, body image, reproduction, motherhood, and sexual orientation.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 544 Women, Work and Family (3 crs)

- Cross-listed with WMNS 344. Credit may not be earned in both courses. No credit if taken after WMNS 433 when offered as Women & Work-Family Issues.

Feminist analysis of work-family issues with emphasis on women's experiences. Contemporary and/or historical perspectives on intersections of work and family, potentially including multicultural, social, psychological, economic, queer, and/or additional perspectives will be explored.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 551 Women and Politics (3 crs)

- Cross-listed with WMNS 351 and POLS 351/POLS 551. Credit may only be earned in one of these courses.

Analysis of women's roles and participation in politics: as citizens, voters, candidates, and officeholders. The impact of feminism and the women's movement on issues and policymaking.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 556 Women in Cross-Cultural Perspective (3 crs)

- Cross-listed with WMNS 356 and ANTH 356/ANTH 556. Credit may only be earned in one of these courses.

Study of women's domestic, social, economic, political, and religious roles in a broad range of the world's societies. Examination of the historical development of women's roles and contemporary changes.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 557 Women and Economic Development (3 crs)

- Cross-listed with WMNS 357 and ECON 357/ECON 557. Credit may only be earned in one of these courses. No credit if taken after WMNS 480 in summer of 2001.

Provides economic, institutional, and feminist frameworks for understanding socioeconomic realities of women in Asia, Africa, Latin American, and the Middle East. Topics analyzed include changing roles of women in economy and household during the process of economic development.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 563 Studies of Women in Mathematics (1-3 crs)

Prerequisite: WMNS 100 or WMNS 215 or WMNS 250 or WMNS 301.

- Cross-listed with WMNS 363 and MATH 363/MATH 563.

Studies of the history and contributions of women in mathematics, and of special interest to students and faculty. The particular focus will vary.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

WMNS 573 American Women's History to 1870 (3 crs)

- Cross-listed with WMNS 373 and HIST 373/HIST 573. Credit may only be earned in one of these courses.

Examines the history of black, white, and red women, including gender politics; women as the co-creators of culture; changes related to education, religion, work, sexuality, and marriages; and women and revolution and war.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 578 American Women's History Since 1870 (3 crs)

- Cross-listed with WMNS 378 and HIST 378/HIST 578. Credit may only be earned in one of these courses.

Explores women's relationship to the economy and to political movements; changing ideals of womanhood; the demographic and sexual revolutions; and class, race, ethnic, and regional variations in women's experience.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 585 The History of Middle Eastern Muslim Women (3 crs)

- Cross-listed with WMNS 385 and HIST 385/HIST 585. Credit may only be earned in one of these courses.

Examines the lives of Middle Eastern Muslim Women, and the ways in which people have represented them, from the seventh through the twentieth centuries. Considers feminist, historicist, and post-modern interpretations.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 594 Studies in the History of Women (1-3 crs)

- Cross-listed with WMNS 394 and HIST 394/HIST 594.

Selected aspects depending on student interest and staff. Number of credits assigned will vary according to nature of topic. Possible topics include a survey of entire history of women in Western world or women in American history. Consult schedule or department office for current offering.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

WMNS 595 Directed Studies (1-3 crs)

Consent: Department Consent Required

- Cross-listed with WMNS 395.

Study of a women's studies problem or topic approved by supervising instructor and women's studies coordinator. May be applied to the Critical Research Project requirement for the Women's Studies minor. May also address individual or group projects for exploration of topical issues or questions confronted in other courses. Ordinarily, this course will involve only students who have completed some Women's Studies coursework.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

WMNS 606 Queer Theories and Sexual Politics (3 crs)

Prerequisite: WMNS 200 or WMNS 206 or WMNS 305 or three credits of women's studies courses, or consent of instructor.

- Cross-listed with WMNS 406. Credit may not be earned in both courses. With permission of the instructor, a feminist theory course in another discipline may fulfill the prerequisite.

Seminar addresses theoretical and political debates that confront the institution of heterosexuality. Queer theorists contextualize gender and sexualities within LGBTQ social movements for civil rights. Explores intersectionality of LGBTQ oppression (heterosexism) with other social forces.

Grading Basis: No S/U Grade Option

Lab/Studio Hours: 0

Seminar Hours: 3

WMNS 631 Women and Communication (1-3 crs)

- Cross-listed with WMNS 431.

Addresses issues related to communication, women, and/or gender.

Repeat: Course may be repeated for a maximum of 3 credits

Grading Basis: No S/U Grade Option

WMNS 632 Women and Science (1-3 crs)

- Cross-listed with WMNS 432.

Explores gender issues in science. Examines questions of gender-related bias in scientific content, methodologies, project execution and analysis. Consideration of the status of women in science.

Repeat: Course may be repeated for a maximum of 3 credits

Grading Basis: No S/U Grade Option

WMNS 633 Women and Social Science (1-3 crs)

- Cross-listed with WMNS 433.

Addresses issues related to the social sciences, women, and/or gender.

Repeat: Course may be repeated for a maximum of 3 credits

Grading Basis: No S/U Grade Option

WMNS 634 Women and the Humanities (1-3 crs)

- Cross-listed with WMNS 434.

Addresses issues related to the humanities, women, and/or gender.

Repeat: Course may be repeated for a maximum of 3 credits

Grading Basis: No S/U Grade Option

WMNS 636 Education of Girls and Women in the United States (2 crs)

• Cross-listed with WMNS 436 and ES 436/ES 636. Credit may only be earned in one of these courses. No credit if taken after special topics or directed study with the same title.

This course will focus on both informal and formal definitions of schooling and explore a wide array of influences and choices that contribute to the preparation of resilient women who grow and change through their lifetime.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

WMNS 647 Design and Domesticity (3 crs)

• Cross-listed with WMNS 447. Credit may not be earned in both courses. No credit if taken after WMNS 434/WMNS 634: *Women and the Humanities, when offered as Design and Domesticity*.

An interdisciplinary study of factors which contributed to stereotypes of Perfect Wife and Mother. Visits to local 19th-century homes reveal Domestic Spheres designed to reinforce class lines, impose morality, and gender space.

Attributes: Field Trip(s) Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 682 Women in Latin American Literature (3 crs)

Prerequisite: SPAN 363/SPAN 563 or SPAN 367/LAS 367 / SPAN 567/LAS 567.

• Cross-listed with WMNS 482 and SPAN 482/SPAN 682. Credit may only be earned in one of these courses.

This course is an in-depth study of the representation of women in contemporary Spanish American literature in their historical, cultural, and social contexts. Taught entirely in Spanish.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 690 Feminist Analysis and Practices: Interdisciplinary Themes (3 crs)

Consent: Instructor Consent Required

• Cross-listed with WMNS 490. Credit may not be earned in both courses.

Comparative study of the theories and methods of feminism, from historical, multidisciplinary, and cross-cultural perspectives. Examines theoretical foundations, current debates and advances in feminist scholarship.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WMNS 696 Capstone: Social Justice Practicum (3 crs)

Consent: Department Consent Required

• Cross-listed with WMNS 496. Credit may not be earned in both courses.

As a culminating experience, students work collectively to understand and address community needs. Collaborating with a community organization and guided by feminist approaches to social justice, students strategize, implement and assess a plan of action.

Attributes: Capstone Course, Field Trip(s) Required

Grading Basis: No S/U Grade Option

Seminar Hours: 3

WMNS 698 Women's Studies Internship (1-3 crs)

Prerequisite: Three credits of WMNS courses.

Consent: Department Consent Required

• Cross-listed with WMNS 498.

Supervised application and examination of Women's Studies theory in a professional setting related to the student's area of interest.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Writing (WRIT)

WRIT 99 Introduction to Critical Reading and Writing (3 crs)

Prerequisite: Concurrent enrollment with GEN 100. No credit if taken after ENGL 99.

Consent: Department Consent Required

Introduction to college-level reading and writing skills to prepare students for the Blugold Seminar in Critical Reading and Writing. Course does not fulfill the University Writing Requirement. Writing Center appointments may be required.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WRIT 114 Intensive Blugold Seminar in Critical Reading and Writing (5 crs)

Prerequisite: Suitable score on English Placement Test (UWENGL) or acceptable ESL placement/assessment exam. No credit if taken after ENGL 110 or ENGL 112. Credit can be earned in only one of WRIT 114, WRIT 116, WRIT 118, or WRIT 120.

Development of college-level reading, writing, and research skills within a section-specific theme. Emphasis on rhetorical knowledge, information literacy, digital literacy, and writing craft. Course fulfills University Writing Requirement. Writing Center appointments may be required.

Attributes: LE-S1 Written and Oral Communication

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 5

Lab/Studio Hours: 0

WRIT 116 Blugold Seminar in Critical Reading and Writing (5 crs)

Prerequisite: Suitable score on English Placement Test (UWENGL) or acceptable ESL placement/assessment exam; or suitable score on Univ. Writing Program Portfolio. No credit if taken after ENGL 110 or 112. Credit can be earned in only one of WRIT 114, 116, 118, or 120.

Development of college-level reading, writing and research skills within a section-specific theme. Emphasis on rhetorical knowledge, information literacy, digital literacy, and writing craft. Course fulfills University Writing Requirement.

Attributes: LE-S1 Written and Oral Communication

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 5

Lab/Studio Hours: 0

WRIT 118 Accelerated Blugold Seminar in Critical Reading and Writing (2 crs)

Prerequisite: Suitable score on English Placement Test (UWENGL) or acceptable ESL placement/assessment exam; or suitable score on Advanced Placement English exam; or suitable score on University Writing Program Portfolio; or current University Honors student.

Development of college-level reading, writing, and research skills within a section-specific theme. Emphasis on rhetorical knowledge, information literacy, digital literacy, and writing craft. Course fulfills University Writing Requirement.

Attributes: LE-S1 Written and Oral Communication

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

WRIT 120 Blugold Seminar in Critical Reading and Writing for Transfer Students (2 crs)

Prerequisite: Approved partial composition credit with a grade of C or above from another college or university. No credit if taken after ENGL 110 or ENGL 112. Credit can be earned in only one of WRIT 114, WRIT 116, WRIT 118, or WRIT 120.

Development of college-level reading, writing, and research skills within a section-specific theme. Emphasis on rhetorical knowledge, information literacy, digital literacy, and writing craft. Course fulfills University Writing Requirement.

Attributes: LE-S1 Written and Oral Communication

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

DEGREE PROGRAMS

A

- Accounting, Comprehensive Major (p. 431)
- American Indian Studies, Major (p. 123)
- Art and Design Education, Comprehensive Major (p. 127)
- Art, Art History Emphasis, Major (p. 130)
- Art, Ceramics, Comprehensive Major (p. 132)
- Art, Digital Media, Comprehensive Major (p. 134)
- Art, Drawing Painting, Comprehensive Major (p. 136)
- Art, Graphic Design, Comprehensive Major (p. 138)
- Art, Illustration, Comprehensive Major (p. 139)
- Art, Liberal Arts, Graphic Communications Emphasis, Comprehensive Major (p. 141)
- Art, Liberal Arts, Studio Art Emphasis, Comprehensive Major (p. 143)
- Art, Photography, Comprehensive Major (p. 145)
- Art, Printmaking, Comprehensive Major (p. 147)
- Art, Sculpture, Comprehensive Major (p. 149)
- Art, Studio Emphasis, Major (p. 151)
- Athletic Training, Comprehensive Major (p. 500)

B

- Biochemistry/Molecular Biology, Comprehensive Major (p. 61)
- Biology, Ecology and Environmental Biology Emphasis, Comprehensive Major (p. 154)
- Biology, Major - Teaching (p. 156)
- Biology, Major - Liberal Arts (p. 160)
- Biology, Microbiology Emphasis, Comprehensive Major (p. 162)
- Business Administration, Major (p. 442)
- Business Finance, Comprehensive Major (p. 434)

C

- Chemistry with Business Emphasis, Comprehensive Major (p. 165)
- Chemistry, A.C.S., Biochemistry Emphasis, Comprehensive Major (p. 167)
- Chemistry, A.C.S., General Emphasis, Comprehensive Major (p. 169)
- Chemistry, A.C.S., Materials Science Emphasis, Comprehensive Major (p. 171)
- Chemistry, Major - Liberal Arts (p. 173)
- Chemistry, Major - Teaching (p. 175)
- Chemistry, Research Emphasis, Comprehensive Major (p. 179)

- Communication Sciences and Disorders, Comprehensive Major (p. 496)
- Communication, Communication Studies Emphasis, Major (p. 183)
- Communication, Organizational Communication Emphasis, Major (p. 185)
- Computer Science, Comprehensive Major (p. 193)
- Computer Science, Software Engineering, Major (p. 196)
- Criminal Justice, Comprehensive Major (p. 63)

E

- Economics, Business, Comprehensive Major (p. 199)
- Economics, Major - Liberal Arts (p. 201)
- Economics, Major - Teaching (p. 202)
- Elementary Education, Major (p. 479)
- English, Comprehensive Major - Teaching (p. 208)
- English, Creative Writing Emphasis, Major (p. 212)
- English, Critical Studies in Literatures, Cultures, and Film Emphasis, Major (p. 216)
- English, Linguistics, Major (p. 221)
- English, Major - Teaching (p. 224)
- English, Rhetorics of Science, Technology, and Culture Emphasis, Major (p. 228)
- Environmental Public Health, Comprehensive Major (p. 420)

F

- French, Major - Liberal Arts (p. 276)
- French, Major - Teaching (p. 278)

G

- Geography, Environmental Geography, Comprehensive Major (p. 234)
- Geography, Major (p. 237)
- Geography, Transnational Geographies, Comprehensive Major (p. 240)
- Geology, Dual Degree Geological Engineering Emphasis, Comprehensive Major (p. 248)
- Geology, Earth and Space Science Emphasis, Comprehensive Major - Teaching (p. 250)
- Geology, Environmental Science Emphasis, Comprehensive Major (p. 254)
- Geology, General Geology Emphasis, Comprehensive Major (p. 256)
- Geology, Hydrogeology and Water Chemistry Emphasis, Comprehensive Major (p. 258)
- Geology, Major (p. 260)
- Geospatial Analysis and Technology, Comprehensive Major (p. 244)
- German, Business/Professions Emphasis, Major (p. 282)

German, Liberal Arts Emphasis, Major (p. 284)

German, Major - Teaching (p. 286)

H

Health Care Administration, Comprehensive Major (p. 444)

History, Major - Liberal Arts (p. 264)

History, Major - Teaching (p. 267)

History, Public History Emphasis, Major (p. 271)

I

Information Systems, Comprehensive Major (p. 438)

Integrated Strategic Communication, Advertising Emphasis, Major (p. 187)

Integrated Strategic Communication, Public Relations Emphasis, Major (p. 189)

International Business, Comprehensive Major (p. 449)

J

Journalism, Major (p. 190)

K

Kinesiology, Human Performance Emphasis, Fitness Management Option, Comprehensive Major (p. 504)

Kinesiology, Human Performance Emphasis, Health Promotion Option, Comprehensive Major (p. 506)

Kinesiology, Human Performance Emphasis, Pre-Professional Option, Comprehensive Major (p. 509)

Kinesiology, Human Performance Emphasis, Sport Performance Option, Comprehensive Major (p. 512)

Kinesiology, Movement Studies Emphasis, Major (p. 515)

Kinesiology, Physical Education Teaching Emphasis, Comprehensive Major (p. 517)

Kinesiology, Sport Pedagogy Emphasis, Comprehensive Major (p. 520)

L

Latin American Studies, Comprehensive Major - Teaching (p. 298)

Latin American Studies, Culture, Language and Society Emphasis, Major (p. 301)

Latin American Studies, Language Emphasis, Major (p. 304)

Latin American Studies, Liberal Arts, Comprehensive Major (p. 306)

Liberal Studies, Comprehensive Major (p. 71)

M

Management, Entrepreneur Program Emphasis, Comprehensive Major (p. 453)

Management, Human Resource Management (HRM) Emphasis, Comprehensive Major (p. 455)

Management, Management Emphasis, Comprehensive Major (p. 457)

Management, Operations and Supply Chain Management Emphasis, Comprehensive Major (p. 460)

Marketing, Comprehensive Major (p. 462)

Marketing, Marketing Analytics Emphasis, Comprehensive Major (p. 464)

Marketing, Professional Sales Emphasis, Comprehensive Major (p. 466)

Materials Science and Engineering, Comprehensive Major (p. 310)

Materials Science, Applied Materials Emphasis, Comprehensive Major (p. 312)

Materials Science, Chemistry of Materials Emphasis, Comprehensive Major (p. 314)

Materials Science, Entrepreneurship Emphasis, Comprehensive Major (p. 316)

Materials Science, Geomaterials Emphasis, Comprehensive Major (p. 318)

Materials Science, Liberal Arts Emphasis, Comprehensive Major (p. 320)

Materials Science, Mathematics of Materials Emphasis, Comprehensive Major (p. 322)

Materials Science, Nanoscience Emphasis, Comprehensive Major (p. 323)

Materials Science, Physics of Materials Emphasis, Comprehensive Major (p. 325)

Mathematics, Actuarial Science Emphasis, Comprehensive Major (p. 329)

Mathematics, Applied/Statistics Emphasis, Major (p. 331)

Mathematics, Comprehensive Major - Teaching (p. 333)

Mathematics, Liberal Arts Emphasis, Major (p. 336)

Mathematics, Major - Teaching (p. 337)

Mathematics, Research Emphasis, Comprehensive Major (p. 341)

Music, Applied Instrumental, Comprehensive Major (p. 346)

Music, Applied Voice, Comprehensive Major (p. 348)

Music, Choral and General Music, Comprehensive Major - Teaching (p. 350)

Music, Collaborative Piano, Comprehensive Major (p. 353)

Music, Composition, Comprehensive Major (p. 355)

Music, Instrumental and General Music Teaching, Comprehensive Major (p. 357)

Music, Major (p. 361)

Music, Music History, Comprehensive Major (p. 364)

Music, Piano Pedagogy, Comprehensive Major (p. 366)

Music, Piano Performance, Comprehensive Major (p. 368)

Music, Theory, Comprehensive Major (p. 369)

N

Nursing, Accelerated B.S.N. Option, Comprehensive Major (p. 534)

Nursing, B.S.N. Completion Program, Comprehensive Major (p. 534)

Nursing, Eau Claire Program, Comprehensive Major (p. 536)

Nursing, Marshfield Program, Comprehensive Major (p. 538)

Nursing, WTCS Associate Degree in Nursing BSN Completion Program (Collaborative Nursing Degree), Comprehensive Major (p. 540)

P

Philosophy, Major (p. 381)

Physical Science, Comprehensive Major - Teaching (p. 75)

Physics, Applied Physics Emphasis, Major (p. 387)

Physics, Dual Degree Engineering Emphasis, Major (p. 389)

Physics, Liberal Arts Emphasis, Major (p. 390)

Physics, Major - Teaching (p. 392)

Physics-Mathematics, Mathematics Emphasis, Comprehensive Major - Teaching (p. 78)

Physics-Mathematics, Physics Emphasis, Comprehensive Major - Teaching (p. 82)

Political Science, Legal Studies Emphasis, Comprehensive Major (p. 398)

Political Science, Major - Liberal Arts (p. 401)

Political Science, Major - Teaching (p. 403)

Political Science, World Politics Emphasis, Comprehensive Major (p. 408)

Psychology, Behavior Analysis, Major (p. 411)

Psychology, Major (p. 413)

R

Religious Studies, Major (p. 382)

S

Social Studies, Broadfield Teaching Economics Emphasis, Comprehensive Major (p. 86)

Social Studies, Broadfield Teaching Economics/History Emphasis, Comprehensive Major (p. 90)

Social Studies, Broadfield Teaching Geography Emphasis, Comprehensive Major (p. 93)

Social Studies, Broadfield Teaching Geography/History Emphasis, Comprehensive Major (p. 97)

Social Studies, Broadfield Teaching History Emphasis, Comprehensive Major (p. 101)

Social Studies, Broadfield Teaching Political Science Emphasis, Comprehensive Major (p. 105)

Social Studies, Broadfield Teaching Political Science/History Emphasis, Comprehensive Major (p. 108)

Social Studies, Broadfield Teaching Sociology Emphasis, Comprehensive Major (p. 112)

Social Studies, Broadfield Teaching Sociology/History Emphasis, Comprehensive Major (p. 116)

Social Work, Comprehensive Major (p. 525)

Sociology, Major (p. 416)

Spanish, Liberal Arts, Major (p. 290)

Spanish, Major - Teaching (p. 292)

Special Education, Emotional/Behavioral Disabilities and Middle Childhood through Early Adolescence Regular Education, Comprehensive Major (p. 486)

Special Education, Learning Disabilities and Cognitive Disabilities, Comprehensive Major (p. 488)

Special Education, Learning Disabilities and Middle Childhood through Early Adolescence Regular Education, Comprehensive Major (p. 490)

Special Education, Unified Early Childhood, Comprehensive Major (p. 493)

T

Theatre Arts, Comprehensive Major (p. 371)

Theatre Arts, Major - Liberal Arts (p. 373)

Theatre Arts, Major - Teaching (p. 375)

W

Women's Studies, Major (p. 424)

Programs by College

College of Arts and Sciences

Bachelor of Arts or Bachelor of Science

- American Indian Studies
- Art
- Biochemistry/Molecular Biology
- Biology
- Chemistry
- Chemistry with Business Emphasis
- Communication
- Computer Science
- Criminal Justice
- Economics
- English
- French
- Geography
- Geology
- Geospatial Analysis and Technology
- German
- History
- Integrated Strategic Communication
- Journalism
- Latin American Studies
- Materials Science
- Mathematics
- Music
- Philosophy
- Physics

- Political Science
- Psychology
- Religious Studies
- Sociology
- Spanish
- Theatre Arts
- Women's Studies

Bachelor of Science

Materials Science and Engineering

Bachelor of Fine Arts

- Art

Bachelor of Liberal Studies

- Liberal Studies

Bachelor of Music

- Music

Bachelor of Science in Environmental Public Health

Environmental Public Health

College of Business

Bachelor of Business Administration

- Accounting
- Business Administration
- Business Finance
- Economics
- Health Care Administration
- Information Systems
- International Business
- Management
- Marketing

College of Education and Human Sciences

Bachelor of Arts

- Art
- Economics
- English
- French
- German
- History
- Latin American Studies
- Political Science
- Social Studies
- Sociology
- Spanish
- Theatre Arts

Bachelor of Music Education

Bachelor of Science

- Athletic Training
- Biology
- Chemistry
- Communication Sciences and Disorders
- Elementary Education
- Geography
- Geology
- Kinesiology
- Mathematics
- Physical Science

- Physics
- Physics-Mathematics
- Special Education

Bachelor of Social Work

College of Nursing and Health Sciences

Bachelor of Science in Nursing

Graduate Degree Programs

Doctor of Nursing Practice

Master of Arts

- English
- History

Master of Science

- Communication Sciences and Disorders
- Data Science

Master of Business Administration

Master of Science in Teaching

- Elementary Education
- English
- Reading

Master of Science in Education

- School Psychology
- Special Education

Master of Science in Nursing

Master of Education-Professional Development

Specialist in Education

- School Psychology

INDEX

A	
About the Catalog	12
Academic Calendar	13
Academic Definitions	38
Academic Opportunities	22
Academic Policies and Regulations	38
Academic Services	24
Academic Standing and Forgiveness	42
Accounting (ACCT)	546
Accounting and Finance	430
Accounting, Comprehensive Major	431
Accounting, Minor	433
Adaptive Physical Education, Minor	500
Admission	14
Advanced Business Communication, Certificate	436
American Indian Studies	123
American Indian Studies (AIS)	553
American Indian Studies, Major	123
American Indian Studies, Minor	125
American Sign Language, Certificate	496
Ancient Studies, Certificate	60
Ancient Studies, Minor	61
Anthropology (ANTH)	557
Art & Design	126
Art (ART)	559
Art and Design Education, Comprehensive Major	127
Art History (ARTH)	567
Art History, Minor	127
Art, Art History Emphasis, Major	130
Art, Ceramics, Comprehensive Major	132
Art, Digital Media, Comprehensive Major	134
Art, Drawing & Painting, Comprehensive Major	136
Art, Graphic Design, Comprehensive Major	138
Art, Illustration, Comprehensive Major	139
Art, Liberal Arts, Graphic Communications Emphasis, Comprehensive Major ..	141
Art, Liberal Arts, Studio Art Emphasis, Comprehensive Major	143
Art, Minor	145
Art, Photography, Comprehensive Major	145
Art, Printmaking, Comprehensive Major	147
Art, Sculpture, Comprehensive Major	149
Art, Studio Emphasis, Major	151
Associate of Arts and Science	56
Athletic Training, Comprehensive Major	500
Audit and Control, Minor	434
B	
Biochemistry/Molecular Biology, Comprehensive Major	61
Biology	153
Biology (BIOL)	569
Biology, Ecology and Environmental Biology Emphasis, Comprehensive Major	154
Biology, General, Minor	156
Biology, Major - Teaching	156
Biology, Major - Liberal Arts	160
Biology, Microbiology Emphasis, Comprehensive Major	162
Biology, Minor - Teaching	164
Business Administration (BSAD)	578
Business Administration, Major	442
Business Administration, Minor	444
Business Communication	436
Business Communication (BCOM)	582
Business Finance, Comprehensive Major	434
Business Finance, Minor	436
C	
Campaign Consulting, Certificate	397
Chemistry	164
Chemistry (CHEM)	584
Chemistry with Business Emphasis, Comprehensive Major	165
Chemistry, A.C.S., Biochemistry Emphasis, Comprehensive Major	167
Chemistry, A.C.S., General Emphasis, Comprehensive Major	169
Chemistry, A.C.S., Materials Science Emphasis, Comprehensive Major	171
Chemistry, Major - Liberal Arts	173
Chemistry, Major - Teaching	175
Chemistry, Minor - Teaching	179
Chemistry, Minor - Liberal Arts	179
Chemistry, Research Emphasis, Comprehensive Major	179
Chinese (CHIN)	590
Cognitive Disabilities (CD) 1-12, Certificate	484
Collaborative Nursing (CND)	591
College of Arts and Sciences	51
College of Business	427
College of Education and Human Sciences	469
College of Nursing and Health Sciences	528
Communication & Journalism (CJ)	592
Communication and Journalism	182

Communication Sciences and Disorders	495	English, Critical Studies in Literatures, Cultures, and Film Emphasis, Major	216
Communication Sciences and Disorders (CSD)	601	English, Critical Studies in Literatures, Cultures, and Film, Minor	219
Communication Sciences and Disorders, Comprehensive Major	496	English, Early Adolescence/Adolescence, Minor	220
Communication, Communication Studies Emphasis, Major	183	English, Linguistics, Major	221
Communication, Communication Studies, Minor	184	English, Major - Teaching	224
Communication, Organizational Communication Emphasis, Major	185	English, Rhetorics of Science, Technology, and Culture Emphasis, Major	228
Communication, Organizational Communication Emphasis, Minor	186	English, Rhetorics of Science, Technology, and Culture, Minor	231
Computational Science (CPSC)	611	Entrepreneurship, Certificate	444
Computer Programmer, Certificate	193	Entrepreneurship, Minor	444
Computer Science	193	Environment, Society, and Culture, Minor	419
Computer Science (CS)	611	Environmental Public Health (ENPH)	656
Computer Science, Comprehensive Major	193	Environmental Public Health, Comprehensive Major	420
Computer Science, Liberal Arts Emphasis, Minor	195	Environmental Science, Minor	422
Computer Science, Software Engineering, Major	196	Environmental Studies (ENV)	659
Courses	544	Ethics, Certificate	380
Credit by Examination	44	F	
Criminal Justice (CRMJ)	615	Family Studies, Minor	66
Criminal Justice, Comprehensive Major	63	Finance (FIN)	660
D		Fine Arts Administration, Certificate	346
Dance (DNCE)	616	Foreign Language (FLG)	664
Dance, Minor	345	Foreign Literature in Translation (FLTR)	666
Data Science (DS)	618	French (FREN)	666
Degree Programs	887	French Proficiency, Certificate	276
E		French, Major - Liberal Arts	276
Early Adolescence through Adolescence Licensure	477	French, Major - Teaching	278
Early Childhood through Adolescence Licensure	478	French, Minor - Liberal Arts	281
Economics	198	French, Minor - Teaching - EA-A	281
Economics (ECON)	619	French, Minor - Teaching - EC-A	281
Economics, Business, Comprehensive Major	199	French, Minor - Teaching - MC-EA	282
Economics, Major - Liberal Arts	201	G	
Economics, Major - Teaching	202	General Arts & Sciences (GEN)	669
Economics, Minor - Liberal Arts	206	General Science, Minor - Teaching	66
Economics, Minor - Teaching	206	Geography (GEOG)	670
Education Studies	475	Geography and Anthropology	233
Education Studies (ES)	624	Geography, Environmental Geography, Comprehensive Major	234
Elementary Education, Major	479	Geography, Major	237
Emotional Behavioral Disabilities (EBD) 1-12, Certificate	485	Geography, Minor - Liberal Arts	239
English	207	Geography, Minor - Teaching	240
English (ENGL)	640	Geography, Transnational Geographies, Comprehensive Major	240
English As Second Language (ESL)	654	Geology	247
English, Comprehensive Major - Teaching	208	Geology (GEOL)	678
English, Creative Writing Emphasis, Major	212	Geology, Dual Degree Geological Engineering Emphasis, Comprehensive Major	248
English, Creative Writing, Minor	215		

Geology, Earth and Space Science Emphasis, Comprehensive Major - Teaching	250	I	
Geology, Environmental Science Emphasis, Comprehensive Major	254	Information Systems	437
Geology, General Geology Emphasis, Comprehensive Major	256	Information Systems (IS)	709
Geology, Hydrogeology and Water Chemistry Emphasis, Comprehensive Major	258	Information Systems, Certificate	438
Geology, Major	260	Information Systems, Comprehensive Major	438
Geology, Minor - Liberal Arts	262	Information Systems, Minor	440
Geology, Minor - Teaching	262	Integrated Strategic Communication, Advertising Emphasis, Major	187
Geospatial Analysis and Technology, Comprehensive Major	244	Integrated Strategic Communication, Certificate	188
Geospatial, Certificate	245	Integrated Strategic Communication, Liberal Arts, Minor	188
Geospatial, Geographic Information Systems, Certificate	246	Integrated Strategic Communication, Public Relations Emphasis, Major	189
Geospatial, Mapping, Certificate	246	Interdisciplinary	59
Geospatial, Remote Sensing, Certificate	247	Interdisciplinary Linguistics, Certificate	70
German (GERM)	682	Interdisciplinary Linguistics, Minor	70
German Proficiency, Certificate	282	Interdisciplinary Studies (IDIS)	714
German, Business/Professions Emphasis, Major	282	International Affairs, Certificate	397
German, Liberal Arts Emphasis, Major	284	International Business (INTB)	718
German, Major - Teaching	286	International Business, Certificate	448
German, Minor - Liberal Arts	289	International Business, Comprehensive Major	449
German, Minor - Teaching - EA-A	289	International Business, Minor	452
German, Minor - Teaching - EC-A	289	International Exchange Programs (INTX)	719
German, Minor - Teaching - MC-EA	289	International Studies (INTS)	722
Gerontology, Minor	67	International Studies Abroad (INTA)	722
Global and Comparative History, Certificate	263	J	
Global Studies, Minor	68	Japanese (JAPN)	728
Grades	43	Japanese, Minor	289
Greek (GRK)	685	Journalism, Major	190
H		Journalism, Minor	192
Health Care Administration (HCAD)	686	K	
Health Care Administration, Comprehensive Major	444	Kinesiology	499
History	263	Kinesiology (KINS)	728
History (HIST)	689	Kinesiology, Human Performance Emphasis, Fitness Management Option, Comprehensive Major	504
History of Race, Gender, and Society, Certificate	264	Kinesiology, Human Performance Emphasis, Health Promotion Option, Comprehensive Major	506
History, Major - Liberal Arts	264	Kinesiology, Human Performance Emphasis, Pre-Professional Option, Comprehensive Major	509
History, Major - Teaching	267	Kinesiology, Human Performance Emphasis, Sport Performance Option, Comprehensive Major	512
History, Minor - Liberal Arts	270	Kinesiology, Minor	515
History, Minor - Teaching	270	Kinesiology, Movement Studies Emphasis, Major	515
History, Public History Emphasis, Major	271	Kinesiology, Physical Education Teaching Emphasis, Comprehensive Major	517
Hmong (HMNG)	705	Kinesiology, Sport Pedagogy Emphasis, Comprehensive Major	520
Hmong Studies, Certificate	69	L	
Honors Colloquia (HNRS)	705	LABVIEW, Certificate	386
Humanities (HUMS)	709	Language Arts, Minor - Teaching	71

Languages	274	Materials Science, Liberal Arts Emphasis, Comprehensive Major	320
Languages (LANG)	739	Materials Science, Mathematics of Materials Emphasis, Comprehensive Major	322
Latin (LAT)	739	Materials Science, Nanoscience Emphasis, Comprehensive Major	323
Latin American Studies	297	Materials Science, Physics of Materials Emphasis, Comprehensive Major	325
Latin American Studies (LAS)	740	Mathematics	328
Latin American Studies, Comprehensive Major - Teaching	298	Mathematics (MATH)	762
Latin American Studies, Culture, Language and Society Emphasis, Major	301	Mathematics, Actuarial Science Emphasis, Comprehensive Major	329
Latin American Studies, Language Emphasis, Major	304	Mathematics, Actuarial Science, Minor	331
Latin American Studies, Liberal Arts Emphasis, Comprehensive Major	306	Mathematics, Applied/Statistics Emphasis, Major	331
Latin American Studies, Minor	308	Mathematics, Comprehensive Major - Teaching	333
Leadership Studies, Certificate	453	Mathematics, Liberal Arts Emphasis, Major	336
Learning Disabilities, Minor - Teaching - EA/A	485	Mathematics, Major - Teaching	337
Learning Disabilities, Minor - Teaching - MC-EA	485	Mathematics, Minor - Liberal Arts	340
Legal Studies, Certificate	398	Mathematics, Minor - Teaching	341
LGBTQ Studies, Certificate	423	Mathematics, Minor - Teaching - MC-EA	341
Liberal Studies (LS)	744	Mathematics, Research Emphasis, Comprehensive Major	341
Liberal Studies, Comprehensive Major	71	Middle Childhood through Early Adolescence Licensure	482
Library and Technology Resources	21	Middle East Studies, Certificate	73
Library Science and Media Education (LMED)	745	Middle East Studies, Minor	73
M		Military Science and Leadership	468
Management (MGMT)	749	Military Science and Leadership (MSL)	775
Management and Marketing	441	Multimedia Communication, Minor	74
Management, Entrepreneur Program Emphasis, Comprehensive Major	453	Music (MUSI)	778
Management, Human Resource Management (HRM) Emphasis, Comprehensive Major	455	Music and Theatre Arts	343
Management, Management Emphasis, Comprehensive Major	457	Music Education (MUED)	795
Management, Minor	459	Music, Applied Instrumental, Comprehensive Major	346
Management, Operations and Supply Chain Management Emphasis, Comprehensive Major	460	Music, Applied Voice, Comprehensive Major	348
Marine Science, Minor	73	Music, Choral and General Music, Comprehensive Major - Teaching	350
Marketing (MKTG)	755	Music, Collaborative Piano, Comprehensive Major	353
Marketing, Comprehensive Major	462	Music, Composition, Comprehensive Major	355
Marketing, Marketing Analytics Emphasis, Comprehensive Major	464	Music, Instrumental and General Music Teaching, Comprehensive Major	357
Marketing, Minor	465	Music, Major	361
Marketing, Professional Sales Emphasis, Comprehensive Major	466	Music, Minor	363
Materials Science	309	Music, Music History, Comprehensive Major	364
Materials Science (MSCI)	759	Music, Piano Pedagogy, Comprehensive Major	366
Materials Science and Engineering (MSE)	760	Music, Piano Performance, Comprehensive Major	368
Materials Science and Engineering, Comprehensive Major	310	Music, Theory, Comprehensive Major	369
Materials Science, Applied Materials Emphasis, Comprehensive Major	312	N	
Materials Science, Chemistry of Materials Emphasis, Comprehensive Major	314	Neuroscience, Liberal Arts, Minor	74
Materials Science, Entrepreneurship Emphasis, Comprehensive Major	316	Nursing	532
Materials Science, Geomaterials Emphasis, Comprehensive Major	318	Nursing (NRSNG)	797
		Nursing, Accelerated B.S.N. Option, Comprehensive Major	534
		Nursing, B.S.N. Completion Program, Comprehensive Major	534

Nursing, Eau Claire Program, Comprehensive Major	536	Religious Studies (RELS)	842
Nursing, Marshfield Program, Comprehensive Major	538	Religious Studies, Major	382
Nursing, WTCS Associate Degree in Nursing BSN Completion Program (Collaborative Nursing Degree), Comprehensive Major	540	Religious Studies, Minor	384
O		Russia and East European Studies, Minor	86
Ojibwe Language, Certificate	290	Russian (RUSS)	845
Organizational Communication, Certificate	192	S	
P		Science of Coaching, Minor - Liberal Arts	523
Paying for College	17	Science of Coaching, Minor - Teaching	523
Philosophy (PHIL)	813	Social Advocacy and Change, Certificate	192
Philosophy and Religious Studies	380	Social Diversity, Certificate	416
Philosophy, Major	381	Social Studies, Broadfield Teaching Economics Emphasis, Comprehensive Major	86
Philosophy, Minor	382	Social Studies, Broadfield Teaching Economics/History Emphasis, Comprehensive Major	90
Physical Science, Comprehensive Major - Teaching	75	Social Studies, Broadfield Teaching Geography Emphasis, Comprehensive Major	93
Physics (PHYS)	817	Social Studies, Broadfield Teaching Geography/History Emphasis, Comprehensive Major	97
Physics and Astronomy	386	Social Studies, Broadfield Teaching History Emphasis, Comprehensive Major .	101
Physics, Applied Physics Emphasis, Major	387	Social Studies, Broadfield Teaching Political Science Emphasis, Comprehensive Major	105
Physics, Dual Degree Engineering Emphasis, Major	389	Social Studies, Broadfield Teaching Political Science/History Emphasis, Comprehensive Major	108
Physics, Liberal Arts Emphasis, Major	390	Social Studies, Broadfield Teaching Sociology Emphasis, Comprehensive Major	112
Physics, Major - Teaching	392	Social Studies, Broadfield Teaching Sociology/History Emphasis, Comprehensive Major	116
Physics, Minor - Liberal Arts	396	Social Studies, Minor - Teaching	120
Physics, Minor - Teaching	396	Social Work	523
Physics-Mathematics, Mathematics Emphasis, Comprehensive Major - Teaching	78	Social Work (SW)	845
Physics-Mathematics, Physics Emphasis, Comprehensive Major - Teaching	82	Social Work, Child Welfare, Certificate	524
Political Science	396	Social Work, Comprehensive Major	525
Political Science (POLS)	821	Social Work, Gerontology, Certificate	527
Political Science, Legal Studies Emphasis, Comprehensive Major	398	Sociology	415
Political Science, Major - Liberal Arts	401	Sociology (SOC)	848
Political Science, Major - Teaching	403	Sociology, Major	416
Political Science, Minor - Liberal Arts	406	Sociology, Minor - Liberal Arts	417
Political Science, Minor - Teaching	407	Sociology, Minor - Teaching	418
Political Science, World Politics Emphasis, Comprehensive Major	408	Spanish (SPAN)	852
Pre-Professional Health Science, Minor	85	Spanish for Health Professions, Minor	290
Pre-Professional Programs	56	Spanish, Liberal Arts, Major	290
Professional Studies Arts and Sciences (PSAS)	830	Spanish, Major - Teaching	292
Professional Studies Business (PSB)	830	Spanish, Minor - Liberal Arts	295
Psychology	411	Spanish, Minor - Teaching - EA-A	295
Psychology (PSYC)	831	Spanish, Minor - Teaching - EC-A	296
Psychology, Behavior Analysis, Major	411	Spanish, Minor - Teaching - MC-EA	296
Psychology, Major	413		
Psychology, Minor	415		
R			
Registration	39		

Special Education	483
Special Education (SPED)	857
Special Education, Emotional/Behavioral Disabilities and Middle Childhood through Early Adolescence Regular Education, Comprehensive Major	486
Special Education, Learning Disabilities and Cognitive Disabilities, Comprehensive Major	488
Special Education, Learning Disabilities and Middle Childhood through Early Adolescence Regular Education, Comprehensive Major	490
Special Education, Unified Early Childhood, Comprehensive Major	493
Student Resources	21
Student Services, Activities and Organizations	27
T	
Teaching English as a Foreign Language, Certificate	120
Teaching of English to Speakers of Other Languages, Minor - EA-A	120
Teaching of English to Speakers of Other Languages, Minor - EC-A	121
Teaching of English to Speakers of Other Languages, Minor - MC-EA	121
The University of Wisconsin - Eau Claire	7
Theatre Arts (THEA)	866
Theatre Arts, Comprehensive Major	371
Theatre Arts, Major - Liberal Arts	373
Theatre Arts, Major - Teaching	375
Theatre Arts, Minor - Liberal Arts	378
Theatre Arts, Minor - Teaching - EA-A	378
Theatre Arts, Minor - Teaching - MC-EA	379
Topical Minor, Minor	122
Topical Minor, Minor	542
Transnational Asian Studies, Certificate	122
U	
Undergraduate Catalog	14
Undergraduate Overview	14
Unified Early Childhood (UEC)	872
University Graduation Requirements	46
University Honors Program and Courses	33
W	
Watershed Institute for Collaborative Environmental Studies	418
Web Design and Development, Certificate	198
Women's Studies, Certificate	424
Women's Studies, Major	424
Women's Studies, Minor	426
Womens Studies (WMNS)	876
Women's Studies	423
World History and Society: Past, Present, Future, Certificate	122
World Religions, Certificate	385
Writing (WRIT)	885