

2022-23
Graduate
Catalog

TABLE OF CONTENTS

The University of Wisconsin-Eau Claire	4	History	32
About the Catalog	10	African American History - Graduate Certificate	33
Calendar for 2022-2023	11	Asian History - Graduate Certificate	33
Graduate Catalog	12	European History - Graduate Certificate	33
Graduate Overview	12	Global History - Graduate Certificate	34
Admission	12	Historical Research and Writing - Graduate Certificate	34
Paying for College	14	History - Master of Arts	34
Student Resources	16	History, Public History - Master of Arts	35
Library and Technology Resources	16	Latin American History - Graduate Certificate	35
Educational and Community Services	17	Military History - Graduate Certificate	36
Student Services	18	Native American History - Graduate Certificate	36
Children's Nature Academy	18	Public History - Graduate Certificate	36
Advising of Students	18	Race and Ethnic History - Graduate Certificate	37
Academic Opportunities	18	United States History - Graduate Certificate	37
Academic Policies and Regulations	19	Women, Family, and Gender History - Graduate Certificate	37
Academic Load	19	International Education	38
Registration	19	Kinesiology	38
Grades	20	Athletic Training - Master of Science	38
Academic Standards	20	Languages	39
University Graduation Requirements	22	Latin American and Latinx Studies	40
Graduate Programs/Courses	25	Mathematics	40
American Indian Studies	26	Data Science - Graduate Certificate	40
Art & Design	26	Data Science - Master of Science	40
Biology	26	MBA Program (MBA)	41
Chemistry and Biochemistry	27	Business Administration, UW MBA Consortium Online - Master of Business Administration	42
Communication and Journalism	27	Music and Theatre Arts	42
Communication and Leadership in Health Organizations - Graduate Certificate	27	Nursing	43
Communication Sciences and Disorders	27	Nursing - Doctor of Nursing Practice	44
Communication Sciences and Disorders, Online - Master of Science	28	Nursing, Adult-Gerontology-Administration - Doctor of Nursing Practice	46
Communication Sciences and Disorders, Residential - Master of Science	29	Nursing, Adult-Gerontology-Administration - Master of Science in Nursing	47
Computer Science	30	Nursing, Adult-Gerontology-Clinical Nurse Specialist - Doctor of Nursing Practice	49
Economics	30	Nursing, Adult-Gerontology-Education - Master of Science in Nursing	50
Education for Equity and Justice	30	Nursing, Adult-Gerontology-Primary Care Nurse Practitioner - Doctor of Nursing Practice	52
Professional Development - Master of Education - Professional Development	31	Nursing, Family Health-Administration - Doctor of Nursing Practice	53
English	31	Nursing, Family Health-Administration - Master of Science in Nursing	55
Geography and Anthropology	32	Nursing, Family Health-Education - Master of Science in Nursing	56
Geology	32		

Nursing, Family Health-Nurse Practitioner - Doctor of Nursing Practice	58	Finance (FIN)	167
Nursing, Nurse Executive - Doctor of Nursing Practice	59	Foreign Language (FLG)	169
Post-MSN Nursing Administration - Graduate Certificate	61	Foreign Literature in Translation (FLTR)	171
Post-MSN Nursing Education - Graduate Certificate	61	French (FREN)	172
Philosophy and Religious Studies	61	General Arts & Sciences (GEN)	174
Physics and Astronomy	61	Geography (GEOG)	175
Political Science	61	Geology (GEOL)	182
Psychology	62	German (GERM)	187
School Psychology - Education Specialist	62	Greek (GRK)	190
School Psychology - Master of Science in Education	63	Health Care Administration (HCAD)	190
Social Work	63	History (HIST)	193
Sociology	63	Hmong (HMNG)	209
Special Education and Inclusive Practices	63	Honors Colloquia (HNRS)	209
Director of Special Education & Pupil Services, Certificate	64	Humanities (HUMS)	217
Women's, Gender, and Sexuality Studies	64	Information Systems (IS)	218
Course Descriptions	65	Interdisciplinary Studies (IDIS)	220
Accounting (ACCT)	68	International Business (INTB)	224
American Indian Studies (AIS)	70	International Exchange Programs (INTX)	225
Anthropology (ANTH)	75	International Studies Abroad (INTA)	228
Art (ART)	77	International Studies (INTS)	240
Art History (ARTH)	82	Japanese (JAPN)	240
Biology (BIOL)	83	Kinesiology (KINS)	241
Biomedical Engineering (BME)	92	Languages (LANG)	255
Business Administration (BSAD)	94	Latin American and Latinx Studies (LAS)	256
Business Communication (BCOM)	97	Latin (LAT)	261
Chemistry (CHEM)	98	Liberal Studies (LS)	261
Chinese (CHIN)	104	Library Science and Media Education (LMED)	262
Collaborative Nursing (CND)	104	Management (MGMT)	262
Communication & Journalism (CJ)	106	Marketing (MKTG)	267
Communication Sciences and Disorders (CSD)	114	Master of Business Administration (MBA)	269
Computational Science (CPSC)	122	Materials Science and Engineering (MSE)	277
Computer Science (CS)	122	Materials Science (MSCI)	279
Criminal Justice (CRMJ)	127	Mathematics (MATH)	280
Dance (DNCE)	129	Military Science and Leadership (MSL)	293
Data Science (DS)	130	Music Education (MUED)	294
Economics (ECON)	131	Music (MUSI)	296
Education Studies (ES)	136	Nursing (NRSNG)	312
English (ENGL)	147	Philosophy (PHIL)	329
English As Second Language (ESL)	161	Physics (PHYS)	333
Environmental Public Health (ENPH)	163	Political Science (POLS)	337
Environmental Studies (ENV)	165	Professional Studies Arts and Sciences (PSAS)	344
		Psychology (PSYC)	345

Public Health (PH)	356
Religious Studies (RELS)	357
Russian (RUSS)	360
Social Work (SW)	360
Sociology (SOC)	362
Spanish (SPAN)	366
Special Education and Inclusive Practices (SEIP)	371
Special Education (SPED)	376
Theatre Arts (THEA)	383
Unified Early Childhood (UEC)	388
Unified Elementary/Middle (UEM)	392
Women's, Gender, and Sexuality Studies (WGSS)	393
Writing (WRIT)	402
Degree Programs	403
Index	410

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 more than 68,000, 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.

University of Wisconsin-Eau Claire

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 the Eau Claire State Teachers College (1927-51), it awarded baccalaureate degrees in education; as the Wisconsin State College at Eau Claire (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. The institution became the University of Wisconsin-Eau Claire in 1971 with the merger of the two state-supported university systems to form the University of Wisconsin System, which includes 13 universities, 13 freshman-sophomore colleges and UW-Extension. In 2004, an administrative restructuring created four colleges at the University of Wisconsin-Eau Claire: 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 30 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.

UW-Eau Claire – Barron County

Effective July 1, 2018, the 13 two-year campuses formerly known as University of Wisconsin Colleges were integrated as branch campuses with seven of the University of Wisconsin System’s four-year comprehensive or research institutions. As part of this restructuring, the former UW-Barron County became a branch campus of UW-Eau Claire and is now known as UW-Eau Claire – Barron County.

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
Academic Affairs Budget Officer	Stephanie Jamelske
Chief Information Officer and Director of Learning and Technology Services	Kent Gerberich
Director of Academic Planning and Assessment	Mary Hoffman
Director of Data Management, Analytics, and Reporting	Casey Rozowski
Executive Director of the Office of Research and Sponsored Programs	Catherine Chan
Oliver M. Ramsey Endowed Chair of the Institute for Health Sciences	Mel Kantor
Associate Vice Chancellor for Academic Affairs and Dean of Graduate Studies	Mary Hoffman (Interim)
Director of Academic Skills Center	Audrey Robinson
Director of Center for Excellence in Teaching and Learning	Angie Stombaugh
Director of Center for Writing Excellence	Jonathan Rylander
Director of Human Development Center	Michael Axelrod

Director of McIntyre Library	Jill Markgraf
Director of University Honors Program	Heather Fielding
Associate Vice Chancellor for Academic Affairs	Louisa Rice (Interim)
Barron County Campus Academic Chair	Troy Kozma
Coordinator for Service-Learning and First Year Experience	Jasmine Case
Coordinator of Intercultural Immersion	Jeff DeGrave
Director of Center for International Education	Colleen Marchwick
Dean of the College of Arts and Sciences	Aleks Sternfeld-Dunn
Associate Dean, Academic Affairs and Curriculum	Margaret Cassidy
Associate Dean, Faculty and Student Affairs	Marc Goulet
Dean of the College of Business	K. Brewer Doran
Associate Dean	Jean Pratt
Dean of the College of Education and Human Sciences	Carmen Manning
Associate Dean	Jill Prushiek
Dean of the College of Nursing and Health Sciences	Sonja Meiers (Acting)
Associate Dean	Debra Jansen
ASSISTANT CHANCELLOR FOR STRATEGIC PARTNERSHIPS AND PROGRAM DEVELOPMENT	Michael Carney (Interim)
Director of Health Careers Center	Julie Anderson
DIRECTOR OF INTERCOLLEGIATE ATHLETICS	Daniel Schumacher
VICE CHANCELLOR FOR ENROLLMENT MANAGEMENT	Billy Felz (Interim)
Barron County Campus Director	Gary Wheeler (Interim)
Director of Enrollment Management/Admissions	Isabel Walters (Interim)
Executive Director of Enrollment Management-Admin & Recruiting, Director of Financial Aid, Director of Continuing Education	Nikki Andrews
Executive Director of Enrollment Management-Admin & Retention, Registrar/Bursar	Kim O'Kelly
Director of Housing and Residence Life	Quincy Chapman
Director of Small Business Development Center	Luke Kempen
Director of University Recreation and Sport Operations	Andy Jepsen
Director of Academic Advising	John Reichert
Director of Career Services	Staci Heidtke
Supervisor of Transit and Parking Services	Allyson Wisniewski
Veterans and Military Services Manager	Miranda Cross-Schindler
VICE CHANCELLOR FOR EQUITY, DIVERSITY, AND INCLUSION AND STUDENT AFFAIRS	Olga Diaz
Civil Rights Pilgrimage Program Coordinator	Jodi Thesing-Ritter
Director for Affirmative Action	Teresa O'Halloran
Director of Bugold Beginnings	Rochelle Biegel-Hoffman (Interim)
Director of Center for EDI Training, Development, and Education	Jodi Thesing-Ritter
Director of Gender & Sexuality Resource Center	Christopher Jorgenson
Director of McNair Program	Kelly Wonder
Director of Office of Multicultural Affairs	Olga Diaz (Interim)
Director of Services for Students with Disabilities	Vicky Thomas
Director of Student Support Services	Bruce Ouderkirk
Director of Upward Bound	Kimamo Wahome

Dean of Students and Student Senate Operations	LaRue Pierce
Assistant Dean of Students	Ashley Fritz
Coordinator for Center for Awareness of Sexual Assault (CASA)	Hannah Luedtke
Director of Counseling Services	Riley McGrath
Director of Student Health Services	Kimberly Frodl
National Student Exchange	Cindy Nevin and Ashley Fritz
VICE CHANCELLOR FOR FINANCE AND ADMINISTRATION	Grace Crickette
Chief of University Police	Jay Dobson
Controller	Jackie Kriesel
Director of Budget and Resource Planning	Tracy Drier
Director of Children's Nature Academy	Lisa Coen
Director of Facilities	Troy Terhark
Director of Human Resources	David J. Miller
Director of Risk Management and Safety	Brian Drollinger
Director of University Centers	Kristin Schumacher
EXECUTIVE DIRECTOR OF UNIVERSITY RELATIONS	Paula Gilbeck (Interim)
Legislative and Community Relations Liaison	Jake Wrasse
SPECIAL ASSISTANT TO THE CHANCELLOR AND EXECUTIVE DIRECTOR OF MARKETING AND PLANNING	Mary Jane Brukardt
Director of Integrated Marketing and Communications	Rebecca Dienger
PRESIDENT OF UWEC FOUNDATION AND EXECUTIVE DIRECTOR OF UNIVERSITY ADVANCEMENT	Kimera K. Way
Coordinator of Alumni Engagement	Jane Larson
Director of Finance	Coby Kohn
Director of Major Gifts	Julia Diggins
Director of Operations	Lori Maassen

UW- Eau Claire Campus

Campus Information Services 715-836-2637

Toll-free (888) 463-6893

Parking and Transportation Services: Parking and Transportation Services 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 citywide transit service. Detailed and current parking information can be obtained from Parking and Transportation Services located within Bugold Central, 715-836-3000, or parking@uwec.edu.

Visitor Parking: If you are coming to campus for an event, please check with your event organizer. If you are a visitor to campus or guest of a faculty/staff member, please reserve a Visitor Center parking spot by calling the visitor center at 715-836-2544.

Visiting the Campus: If you are a prospective student and/or family member wishing to schedule a campus visit, 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 Flesch Family Welcome Center 102

College Offices

College of Arts and Sciences Schofield Hall 220

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
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.

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 Physical Education Center (1969) and 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, 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

Aspenson Mogensen Hall (2017), just across from lower campus on Water Street, 200+ students. Named for Eau Claire business owners John Mogensen, his daughter Michelle Mogensen, and Lisa Aspenson in recognition of their gifts of more than \$1 million to the UW-Eau Claire Foundation.

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

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

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

Haymarket Landing (2016), downtown Eau Claire. 417 students. Located next door to Pablo Center at the Confluence, a new campus-community arts center opened in fall 2018.

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.

Karlgaard Towers Hall (1967; renovated 2017-18 and 2018-19), upper campus. 435 men and 897 women. Named for alumnus David Karlgaard, a 1967 mathematics graduate, and his wife, Marilyn, in recognition of their gifts of more than \$6 million to the UW-Eau Claire Foundation.

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

The Suites (2019), upper campus. Suite-style residence hall housing 432 students.

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

Priory Hall (renovated 2014), three miles south of UW-Eau Claire's main campus at The Priory. 48 single rooms for men or women. Located on 112 mostly wooded acres owned by a subsidiary of the UW-Eau Claire Foundation.

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

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).

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

University Centers

Flesch Family Welcome Center (2021), lower campus. Named in honor of Tom and Jeannie Flesch, UW-Eau Claire alumni who made a lead gift to the Foundation in support of this privately-funded building. Houses the university's Admissions, Foundation, and Alumni Association offices. Serves as the main entry point for the more-than 17,000 prospective students, parents and guests who typically visit campus during the year.

W.R. Davies Student Center (2012), lower campus. Named for the second president (1941-1959) of the Eau Claire State Teachers College. The Davies Center is the hub of 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 Bookstore; Blugold Dining/Catering Services; Marketplace, The Cabin and The Dulany Inn dining facilities; US Bank; Blugold Card Services; the Gender and Sexuality Resource Center; Woodland Theater; Event Services; and Activities, Involvement and Leadership.

Crest Wellness Center (1965), upper campus. Home of Student Health Service, Crest Fitness Center, University Police, Eagle's View Challenge Ropes Course.

Hilltop Recreation Center (1968), upper campus. Offering a number of recreation spaces; dining facilities including the main cafeteria and the Riverview Café; and program spaces and service areas. Hilltop Center is the home base for Recreation and Sport Operations. It is equipped with a billiards center, lounge space, bouldering wall, group fitness studios and the Environmental Adventure Center, which offers indoor archery as well as outdoor adventure equipment rental.

Schofield Auditorium (1916; renovated in 2009), Schofield Hall, lower campus. Renovated in 2009 through a collaborative effort of Student Senate, University Centers, the Chancellors Office and UW-Eau Claire Foundation. Managed by University Centers, Schofield Auditorium is the largest fixed-seat venue on campus. With its state-of-the-art lighting, sound, video and seating, the venue hosts hundreds of large events every year.

Zorn Arena (1951), lower campus on Garfield Avenue. Named in honor of Willis L. Zorn, former 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 former 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 later renamed for Zorn after his death in 1987. Managed by University Centers, Zorn Arena is the largest multipurpose facility on campus. It is the home for men's and women's basketball games and also the site of commencement ceremonies in December and May. Many of the university's Artists Series performers and Forum speakers 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 works by Count Basie, Sammy Nestico, Bill Holman, Tommy Dorsey, Benny Goodman and many more legends of jazz. It is located in Archives and Special Collections in McIntyre Library.

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 Frost's handwritten poetry, Christmas cards and pamphlets.

The **James Newman Clark Bird Museum**, circular in shape, surrounds the planetarium in Phillips Science 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 a.m. to 4:30 p.m. Monday through Friday, and at other times by appointment. For more information contact the department of biology at 715-836-4166 or biology@uwec.edu.

The **L.E. Phillips Planetarium**, located in the James Newman Clark Museum in Phillips Science Hall, contains a Spitz model A-3-P planetarium with a seating capacity of 50. The facility is used by classes in the department of physics and astronomy. A limited number of public events are also held at the planetarium.

The Priory, formerly known as 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. Located three miles south of UW-Eau Claire's main campus, the property includes 112 mostly wooded acres in the Town of Washington and three building complexes totaling approximately 80,000 square feet.

The Children's Nature Academy is located at The Priory, with UW-Eau Claire students who are parents as the primary users of its child care services, including the infant and toddler care program. In addition to students who use the academy's child care services, hundreds of students either work, volunteer or engage in observation activities at the academy annually.

The Priory also is the site of Priory Hall, offering renovated and modernized housing for 48 students in single-occupancy rooms.

Putnam Park, a 230-acre nature preserve in the midst of the campus and the only urban state natural area in Wisconsin, 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 at the Service Center in Davies Center. For more information contact the department of biology at 715-836-4166 or biology@uwec.edu.

The **S.W. Casey Observatory**, located atop Phillips Science 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, from 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. Karen Mumford, director of the Public Health and Environmental Studies, at mumforkg@uwec.edu.

Nature Conservancy Tracts, owned by the UW-Eau Claire Foundation, include 320 acres of forest and marshland that 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, at kleintpk@uwec.edu.

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 students instruction in a marine environment. For more specific information contact Dr. David Lonzarich, department of biology, at lonzard@uwec.edu.

Academic Building Abbreviations

B	C.J. Brewer Hall
CEN	Centennial Hall
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
P	L.E. Phillips Science Hall
S	Schofield Hall
SSS	Schneider Social Science Hall
TH	Karlgaard Towers
VLL	Vicki Lord Larson Hall

UW-Eau Claire – Barron County Campus

Campus Solution Center: 715-788-6244

Parking and Transportation Services: Visitors should obtain a parking permit at the Solution Center in Meggers Hall. More information regarding parking can be found at <https://barron.uwec.edu/about/maps-directions/>.

Department Offices

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

Academic Chair	Troy Kozma
Campus Director	Gary Wheeler (Interim)

Campus Buildings

Fine Arts & Theater

Gymnasium

Library

Meggers Hall (Administration)

Physical Plant

Ritzinger Hall (Classrooms)

Student Center

Other Campus Locations

Amphitheatre

Glenwood Commons Student Housing (<http://westcaprentalproperties.org/student-housing/>)

Japanese Garden

Observatory

Sites and Collections Supporting Instruction and Research

UW-Eau Claire- Barron County's Library has an extensive collection of resources. To learn more, please visit this website: <https://barron.uwec.edu/library/about-the-library/>.

Academic Building Abbreviations

BRRH	Ritzinger Hall
BRMH	Meggers Hall
BRFA	Fine Arts/Theatre
BRLB	Library
BRSC	Student Center
BRPE	Gymnasium
BRPP	Physical Plant

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 Association for the Education of Young Children
 National Environmental Health Science and Protection Accreditation Council
 State Authorization Reciprocity Agreement
 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 Extended Campus

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.

University of Wisconsin-Extended Campus

To increase the availability of educational opportunities both on and off campus, the University of Wisconsin-Eau Claire and University of Wisconsin-Extended Campus cooperate in providing noncredit continuing education programs and credit courses designed for contemporary learners.

Continuing Education – Connecting Campus and Community

UW-Eau Claire Continuing Education is dedicated to supporting people seeking education to improve their lives by providing innovative programming in a variety of areas. Utilizing resources from UW-Eau Claire and UW Extended Campus we develop our programming through collaboration with communities and professionals working in their fields. All our programs are designed with inclusivity in mind and are focused on providing the best educational value.

Here are a few things we do:

- We offer an extensive array of professional development programming helping professionals learn new skills and, in some cases, earn credits toward a certification or re-certification.

- We provide support for several UW-Eau Claire graduate programs whether it is helping students get the courses they need to qualify for graduate programs to offering full certificate and degree programs.
- Through our Small Business Development Center, we support job growth by providing free counseling to small businesses whether they are just starting out or looking to expand.
- We provide personal enrichment programming for the community.

We believe in spreading the power of education no matter what stage of life you are in or where you want to go.

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.

ABOUT THE CATALOG

A Bulletin of the University of Wisconsin-Eau Claire Volume 106

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

The class schedule (<https://www.uwec.edu/blugold-central/academic-planning/register-classes/class-schedules/>), course catalog, and information about fees, is available prior to each term on the Registrar's website and CampS.

The **Your Right to Know** publication, from the Student Affairs and Dean of Students Office 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 Educational Rights and Privacy Act is available in the Your Right to Know (<https://www.uwec.edu/kb/article/your-right-to-know-your-right-to-know/>) publication.

CALENDAR FOR 2022-2023

Fall Semester 2022

August

22 Monday	First Day of Faculty Contractual Period
30 Tuesday	Advising and Registration
31 Wednesday	Advising and Registration

September

1 Thursday	Advising and Registration
5 Monday	Labor Day Holiday-University Closed
6 Tuesday	Classes Begin

November

23 Wednesday	Fall Recess Begins- No Classes- University Open
24 Thursday	Thanksgiving Day Holiday-University Closed
25 Friday	No Classes-University Open
28 Monday	Classes Resume

December

15 Thursday	Last Day of Classes
16 Friday through 22 Thursday	Final Examinations
17 Saturday	UW-Eau Claire Commencement
24 Saturday	Holiday Break-University Closed
25 Sunday	Holiday Break-University Closed
26 Monday	Holiday-University Closed
31 Saturday	Holiday Break- University Closed

Winterim 2023

January

1 Sunday	Holiday- University Closed
2 Monday	Holiday- University Closed
3 Tuesday	Classes Begin
16 Monday	Martin Luther King Jr. Holiday-University Closed
26 Thursday	Last Day of Classes

Spring Semester 2023

January

26 Thursday	Advising and Registration
27 Friday	Advising and Registration
30 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
16 Tuesday	UW-Eau Claire- Barron County Commencement
20 Saturday	UW-Eau Claire Commencement
21 Sunday	Last Day of Faculty Contractual Period
29 Monday	Memorial Day Holiday-University Closed

Three-Week Summer Session 2023

May

22 Monday	Classes Begin
29 Monday	Memorial Day Holiday-University Closed

June

9 Friday	Last Day of Classes
----------	---------------------

Eight-Week Summer Session 2023

June

12 Monday	Classes Begin
-----------	---------------

July

4 Tuesday	Independence Day Holiday-University Closed
6 Wednesday	Classes Resume

August

4 Friday	Last Day of Classes
----------	---------------------

Additional calendar (<https://www.uwec.edu/blugold-central/academic-planning/academic-registration-calendars/>) information with dates and deadlines can be found on the Registrar's website.

GRADUATE CATALOG

Graduate Overview

Graduate Studies Administrative Contacts

Graduate Program Administrator:

Mary F. Hoffman, Interim Associate Vice Chancellor for Academic Affairs and Dean of Graduate Studies

General Information on Graduate Studies, contact:

Nancy Amdahl, Program Assistant
Schofield Hall 210
715-836-2721

Graduate admissions and applications for admission, contact:

Admissions Office
Schofield Hall 111C
715-836-5415

Need-based financial aid including loans and Federal Work Study, contact:

Blugold Central Student Services
Vicki Lord Larson Hall 1108
715-836-3000

Schedule of meetings and minutes of meetings of the Graduate Council, and the Graduate Faculty, contact:

Nancy Amdahl, Secretary
Schofield Hall 210
Graduate Council and Graduate Faculty
715-836-2721

College of Arts and Sciences, contact:

Aleks Sternfeld-Dunn, Dean
Schofield Hall 220D
Arts and Sciences
715-836-2542

College of Business, contact:

Paula Lentz, Director
Schneider 215
MBA Program
715-836-6019

College of Education and Human Sciences, contact:

Carmen Manning, Dean
Centennial 3015
Education and Human Sciences
715-836-3264

College of Nursing and Health Sciences, contact:

Sonja Meiers, Acting Dean
Nursing 103
Nursing and Health Sciences
715-836-5287

Human subjects research, use of animals in research, and student research support, contact:

Catherine Chan, Executive Director for Research
Schofield 17

715-836-3405

Graduate Program Administration

Mary F. Hoffman, Interim Associate Vice Chancellor for Academic Affairs and Dean of Graduate Studies

Aleks Sternfeld-Dunn, Dean, College of Arts and Sciences

K. Brewer Doran, Dean, College of Business

Carmen Manning, Dean, College of Education and Human Sciences

Sonja Meiers, Acting Dean, College of Nursing and Health Sciences

Mission and Outcomes

The University of Wisconsin-Eau Claire provides graduate education in select programs that grow clearly from institutional undergraduate strengths and that meet identifiable regional and state needs. Graduate programs foster students' intellectual development, contribute to the advancement of disciplines, and enhance students' personal lives and their ability to contribute to their professions and communities. Graduate studies at UW-Eau Claire emphasize personal working relationships between faculty and students in a variety of learning situations.

A hallmark of graduate education is scholarly and creative activity, emphasizing discipline-specific research, the acquisition of new knowledge, or the application or transmission of existing knowledge. Expected outcomes for all UW-Eau Claire graduate programs are that graduates will have the ability to:

1. Demonstrate advanced mastery of the methodology, techniques, and practices specific to the field of study;
2. Excel in written and oral communication, with the ability to convey complex ideas clearly, consistently, and logically;
3. Demonstrate understanding and mastery for appropriately managing a range of general and discipline-specific ethical dilemmas;
4. Utilize the research or scholarship of the discipline and produce scholarly or creative products consistent with disciplinary standards.

Each of the Colleges is responsible for promoting high standards of scholarship, for offering professional preparation appropriate to societal needs, and for maintaining an appropriate balance between the academic and professional components of graduate programs.

Graduate Faculty and Council

The Graduate Faculty consists of about 400 faculty and academic staff who hold doctoral or appropriate terminal degrees, and who possess a broad array of special qualifications and backgrounds in their academic specialties.

The Graduate Faculty recommend to the Chancellor, and to the Board of Regents as appropriate, all major policies and programs relating to graduate studies.

The Graduate Council is a representative body of the Graduate Faculty and graduate students and acts on their behalf. The Graduate Council serves and acts to develop and maintain standards of academic quality in all graduate programs; to provide initiative and insight in developing graduate programs to meet current, new, and emerging needs; to formulate general academic policies and procedures relating to graduate programs in the University; to foster creativity and scholarship in graduate programs; to represent the interests of the Graduate Faculty and graduate students in the University; and to advise the Graduate Dean concerning the administration of graduate education.

Admission

Admission Procedure

The application for admission to a graduate program must be submitted to the Admissions Office with an application fee and additional materials if required.

Information about specific dates and required materials can be found on

the Graduate Student website (<https://www.uwec.edu/admissions/apply/application-process/graduate-student/>).

The applicant must list all colleges and/or universities previously attended. An official transcript must be sent directly to the University of Wisconsin-Eau Claire either through secured electronic transmission or via the postal service (not email) for any institution where you a) obtained a degree (except UW-Eau Claire), b) completed course work necessary for admission to your graduate program, or c) graduate courses you wish to have considered for transfer credit to apply toward your intended degree program at UW-Eau Claire. Current or former UW-Eau Claire students do not need to provide transcripts from UW-Eau Claire; however, submission of an application constitutes authorization to review the UW-Eau Claire record. Additional transcripts may be required, particularly for certification and licensure programs, so please request these official transcripts as well. All transcripts become a part of your permanent file and cannot be returned.

An application for admission may be considered during an applicant's last semester as an undergraduate student. Admission to graduate study in such cases is conditional, pending satisfactory completion of the baccalaureate requirements and meeting all other requirements for admission.

If you would like to be considered for a graduate assistantship, fellowship, or the Advanced Opportunity Program (AOP) grant, the priority application date is March 1 for the upcoming academic year. The Application for Graduate Assistantship and/or Fellowship (<https://www.uwec.edu/academics/graduate-studies/assistantships-fellowships/>) can be found on the Academics page under "Paying for graduate school," and should be electronically submitted to the Office of Graduate Studies.

Graduate Application Fee Policy

A non-refundable graduate application fee of \$56 shall be assessed by the University for the application for admission. The fee does not apply toward the student's other tuition and fees. The fee is good for four full semesters (two years).

Graduate applicants may apply to one program at a time. There is no waiver of the application fee. If an applicant is applying for a second graduate degree, (the first from UW-Eau Claire), or if they previously have been admitted and enrolled in a UW-Eau Claire graduate program, they will not be assessed the application fee again. If the first graduate degree is from any other institution, an application fee will be assessed. Students applying to be reclassified will not be assessed an application (processing) fee. Reclassification is an accepted graduate student requesting to change programs. If an applicant is admitted, but does not enroll at any time during the first two years, they will need to reapply, update their application, and pay a new application fee.

If an applicant is denied admission to one program and then wants to be considered for the same or a different program within two years of the receipt of the initial application fee, a new fee is not required.

International Student Admission

All international students whose native language is not English must submit an official Test of English as a Foreign Language (TOEFL) score of at least 79 Internet-based test (or 550 for the paper-based) or an International English Language Testing System (IELTS) overall band score of 7.0 for admission. International graduate students enrolled in on-campus programs are required to provide proof of financial resources as part of the admission process. Although on-campus employment may be available, an international student should not plan to secure any finances through employment in the United States.

All international students enrolled in on-campus programs are required to purchase the UW System accident and sickness insurance.

Notification of Admission

Upon completion of review of the application materials, the Graduate Dean (or Dean of the College of Business for MBA Program) will notify the applicant in writing of the disposition of the application for admission. A decision regarding admission may be appealed to the Dean, and the Dean may also initiate referral of individual cases to the Council. In all cases, the Graduate Dean will notify the applicant in writing of action taken on appeals or referrals.

Admission to a Degree Program

Admission to a degree program is based upon evaluation of the student's academic record and previous experience by the graduate faculty of the department(s) offering the program. All applicants must have earned a baccalaureate degree from a regionally accredited college or university. Upon admission to a degree program, the student is assigned an advisor who is a member of the graduate faculty from the department offering the program. Students must consult their advisor(s) regarding program planning and enrollment in courses.

Admission to particular degree programs may include additional requirements in regard to minimum undergraduate GPA, entrance examinations, or prerequisite courses. See requirements for admission to specific degree programs as described elsewhere in this catalog.

Status of Admission

Full Standing: Applicants whose undergraduate GPA from their baccalaureate degree granting institution is 2.75 (on a 4.0 scale) or higher or whose GPA for the last half of undergraduate work is 3.0 or higher may be admitted with full standing to a particular graduate program upon recommendation of the Program Director, College Dean, and Graduate Dean. Additional requirements may be specified by particular degree programs.

Conditional: Applicants whose undergraduate GPA falls below 2.75, or who are currently completing a baccalaureate degree, or who have not met the prerequisite requirements for admission to a program, may be admitted conditionally upon recommendation of the Program Director, College Dean, and Graduate Dean, when other sufficient evidence of ability to complete graduate work is presented. Additional conditions or requirements for admission also may be specified by particular degree programs.

Non-Degree Seeking (Special) Graduate Student

Persons wishing to take courses for graduate credit without admission to a particular graduate program may apply to become a non-degree seeking (special) graduate student. To be eligible, an applicant must hold a bachelor's degree from a regionally accredited institution. A student who fails to meet the minimum GPA requirement for admission to a graduate degree program also may be permitted to enroll as a non-degree seeking student. If application to a particular graduate program is made subsequently, credits earned as a non-degree seeking student will be considered on the basis of appropriateness to the degree program. No more than nine credits earned as a non-degree seeking graduate student may later apply to degree requirements without prior approval of the appropriate Graduate Program Director. Individuals who wish to register for graduate nursing courses as a non-degree seeking (special) student should consult with the Nursing Graduate Program Director in the College of Nursing and Health Sciences to receive permission to enroll. Non-degree seeking graduate students are not eligible for the financial aid programs described elsewhere in this catalog.

Students who have applied and enrolled as non-degree seeking graduate students must reapply only if they have not enrolled in any courses at UW-Eau Claire for three years.

Students who have previously been academically dismissed from a graduate program are not eligible to return to the University as a non-degree seeking (special) student. Instead, they must go through the appeals process specified in their letter of dismissal.

Special Auditors

Board of Regents policy makes it possible for students to audit courses at reduced costs as follows: Wisconsin residents may audit classes by paying only 30 percent of the normal per credit academic fee and non-residents may audit by paying 50 percent of the non-resident academic fee. In both cases any special course fees or materials are additional.

Transfer of Credits

Up to nine* credits of transfer graduate coursework may be approved to count toward a graduate degree earned at UW-Eau Claire. This limit of nine* transfer credits includes both courses taken prior to admission and after admission. These credits must be earned from another regionally accredited institution that is offering a comparable graduate degree program. Only courses in which a B (GPA of 3.00) or above is earned and representing course content equivalent to that offered by the University of Wisconsin-Eau Claire will be accepted and applied toward graduate degree programs. Transfer course grades are not computed in the resident GPA at UW-Eau Claire. No credit toward a graduate degree will be allowed for correspondence work.

**The BSN to DNP degree program is an exception to the nine credit transfer policy. A maximum of 20 credits of graduate transfer course work may be accepted for the BSN to DNP program.*

Transfer of Credits Earned Prior to Admission

An official transcript must be sent directly to the University of Wisconsin-Eau Claire either through secured electronic transmission or via the postal service (not email) for any institution where you a) obtained a degree (except UW-Eau Claire), b) completed course work necessary for admission to your graduate program, or c) **graduate courses you wish to have considered for transfer credit to apply toward your intended degree program at UW-Eau Claire.** Graduate credits earned prior to admission, but not reported on the application for admission nor documented, will not be considered for transfer after admission.

Transfer of Credits Earned After Admission

Students who wish to take courses at another institution and transfer the credits to their approved graduate program must obtain permission to do so before enrolling in the courses. Forms for this purpose are available on the Graduate Studies website (<https://www.uwec.edu/academics/graduate-studies/deadlines-forms-documents/>). Without prior permission, a student has no assurance that courses taken at another institution will be acceptable as part of the graduate program. The other institution at which the student wishes to earn graduate credits may provide a form for documentation by an official of the University of Wisconsin-Eau Claire of the student's graduate standing, allowing registration at the other graduate school for the purpose of earning credits to be transferred. If such a procedure is not available, the student may be required by the other institution to file application for admission.

Credits Earned in Programs Established through Inter-Institutional Agreements

Graduate credits taken in a program developed between UW-Eau Claire and one or more other institutions and established by a formal inter-institutional agreement will not be considered transfer credits under these guidelines.

Transfer of Extension Credits

Credits earned in extension courses sponsored by UW-Eau Claire and in off-campus (outreach) courses offered by UW-Eau Claire are not considered transfer credits by UW-Eau Claire.

Paying for College

There are several financial opportunities for graduate students to take advantage of at UW-Eau Claire.

Assistantships and Fellowships

If you would like to be considered for a graduate assistantship, graduate fellowship, or the Advanced Opportunity Program (AOP), the priority application date is March 1 for the following academic year. The online Graduate Assistantship/Fellowship/AOP Application (<https://www.uwec.edu/academics/graduate-studies/assistantships-fellowships/>) can be found on the Admissions or Graduate Studies websites, and it is submitted electronically to the Office of Graduate Studies.

Initial assistantship and fellowship awards are made in early spring. The deadline for any subsequent competition for filling assistantships or fellowships after initial awards are made will be posted by the Graduate Dean. Applications for other forms of aid should be submitted as early as possible.

Graduate students are considered eligible for assistantships if enrolled in a minimum of four graduate credits, a minimum of three graduate credits for fellowships, and at least four graduate credits for AOP grants. Enrollment in at least one thesis credit or in an applied field project (which is coded as FTE) is also considered full-time enrollment for financial aid and enrollment certification purposes.

Graduate Assistantships

Graduate assistantships are available to graduate students who have been admitted in "full standing" to a degree program. Although most graduate assistantship positions require that the student work 13.3-hours per week (part-time) for an academic department, graduate assistantship positions may range from as few as 5-6 hours per week up to 20 hours per week, which is full-time. Graduate assistants must be enrolled at least half-time, which is four credit hours during the fall/spring semesters, but no more than ten credit hours per semester, if employed as a full-time graduate assistant. Graduate assistants working at least 13.3-hours per week may be eligible for health insurance and other benefits, as well as out-of-state tuition remission.

University of Wisconsin-Eau Claire Foundation Fellowships/Scholarships

University of Wisconsin-Eau Claire Foundation Fellowships are awarded on the basis of scholarship and scholarly potential. Fellowship recipients must be admitted in full standing to a degree program or be eligible for admission upon completion of the baccalaureate degree. The Graduate Student Foundation Fellowship is awarded by the Office of Graduate Studies, but there are other scholarships available through the UW-Eau Claire Foundation. Within the list of Foundation scholarships in Gold for Blugolds (<https://www.uwec.edu/academics/graduate-studies/scholarships/>), select "Graduate Student" under "Student Status" to find scholarships available to graduate students. A student must be enrolled in at least three credit hours during the fall and spring

semesters and one credit hour during the summer session, unless otherwise specified by the scholarship.

Advanced Opportunity Program (AOP) Grants

Advanced Opportunity Program (AOP) awards are based, in part, on admission to full standing in a degree program (or eligibility for full standing upon completion of the baccalaureate degree). AOP grants are intended for under-represented racial/ethnic minority students, and economically disadvantaged non-minority graduate students; however, priority is given to economically disadvantaged minority students. Only students who are U.S. citizens or permanent residents are eligible for these awards. All AOP recipients must maintain good academic standing, make satisfactory academic progress in their graduate program, and demonstrate financial need. In the semester/session during which the award is received, recipients must carry an academic load of at least four credit hours (three credit hours during the summer session), or be enrolled in at least one thesis credit. To be considered for an AOP grant, students must have a Free Application for Federal Student Aid (FAFSA) filed with Financial Aid and be currently enrolled at least two months before the start of classes, and have submitted the AOP application with the Office of Graduate Studies. The priority date for filing an AOP application with the Office of Graduate Studies is March 1 for the upcoming academic year, including the following summer session; however, applications will continue to be accepted as funding remains available. All graduate students enrolled in a degree program at UW-Eau Claire are welcome to apply for the AOP grants; preference is given to full-time, on-campus, Wisconsin resident students. Out-of-state students who receive an AOP grant may be eligible to receive a partial or full non-resident tuition remission the semester/session in which the grant is received.

Fee Schedule

A fee schedule is established each year. The fees and procedures described in this section are estimates. Prospective students should refer to the Class Schedule, which will contain links to the up-to-date information about fees.

Fee information can be found on the Tuition and Fee website (<https://www.uwec.edu/tuition-financial-aid/tuition-fees/fall-graduate-tuition-fees/>).

The determination of student level (undergraduate or graduate) for the purpose of fee assessment is based on the student's classification. A student who registers for graduate credit will be classified as a graduate student for the term and will be assessed graduate-level fees for all course work. Exceptions may be made for undergraduates taking graduate courses in accordance with the policy described in this catalog (see Enrollment of Undergraduates for Graduate Credit (<http://catalog.uwec.edu/undergraduate/academic-policies-regulations/registration/>) in Registration section of Undergraduate Catalog).

Some of the online courses and/or programs may have their own unique tuition and fees schedule.

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 (<https://www.uwec.edu/about/accreditation/student-right-to-know/>) and Blugold Card Services (<https://www.uwec.edu/blugold-card/>) section).

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. 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.

In some programs, especially those offered online, residency may not be a factor, as tuition and fees may be the same rate for all students.

Minnesota/Wisconsin Tuition Reciprocity

The current reciprocity agreement between Minnesota and Wisconsin enables a Minnesota resident 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 Interim and Summer Sessions) 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.

Midwest Student Exchange Program (MSEP)

UW Eau Claire does not participate in the Midwest Student Exchange Program.

Tuition Remission

Wisconsin Statutes provide for awarding a limited number of tuition remissions to students who are not residents of Wisconsin and who are not enrolled in a flat rate tuition program. These awards range in value and can be up to the difference between resident and nonresident tuition. Students who are not residents of Wisconsin are considered for non-resident tuition remission by submitting the FAFSA. Students who are employed for a graduate assistantship of at least 13.3-hours per week during the academic term/year may be eligible for a non-resident tuition remission (if not enrolled in a flat-rate tuition program). Minnesota residents must apply for MN/WI tuition reciprocity.

International Student Tuition Remission

International graduate students who are NOT enrolled in a flat-rate tuition program are eligible for a non-resident tuition remission, whereby the University provides a full or partial waiver of the non-resident portion of tuition.

If interested, please notify the Office of Graduate Studies as soon as possible; funds are limited.

Financial Assistance

Consideration for financial aid will be given following admission to a particular graduate program. An applicant who is completing a baccalaureate degree may be awarded graduate aid pending verification of successful completion of the degree. Applicants for financial aid are urged to submit their applications as early as possible. To apply for aid, students must complete the Free Application for Federal Student Aid (FAFSA), which is available online at: <https://studentaid.gov/h/apply-for-aid/fafsa> (<https://studentaid.gov/h/apply-for-aid/fafsa/>). Students must be enrolled on at least a half-time basis (four credits during fall or spring semester, three credits during summer session, or a

minimum of one thesis credit) to be eligible for financial aid. Graduate students may be awarded one or a combination of different types of financial aid.

Work Study and Student Employment

Applicants applying for Federal Work Study must establish financial need by completing the FAFSA and meeting the job skill requirements established by the employer. Students may work up to their maximum work study award under the Federal work study program. Graduate students' job responsibilities are generally of a more complex nature and thus may be paid at a higher wage rate than undergraduate students. Both on- and off-campus work study positions are available.

Nonfederal Student Employment is open to all enrolled students who meet the job skill requirements. Students may work up to 20 hours per week as a student employee.

Contact Blugold Central Student Services for specific questions concerning eligibility and restrictions, 715-836-3000.

Loans

Graduate students who want to be considered for the Federal Direct Unsubsidized Loan must complete the FAFSA and be enrolled at least half-time (4 credits during the academic year; 3 credits during summer). Applicants may borrow up to their Financial Aid budget minus other aid, or a maximum of \$20,500 per academic year, whichever is less (Maximum accumulated loan for both undergraduate and graduate degrees is \$138,500).

International Student Aid International Student Tuition Remission Scholarships

International graduate students who are in good academic standing and NOT enrolled in a flat-rate tuition program are eligible for an international student tuition remission scholarship, whereby the University provides a full or partial waiver of the non-resident portion of tuition. If interested, please notify the Office of Graduate Studies as soon as possible; funds are limited.

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.

McIntyre Library

McIntyre Library supports students, faculty, staff and the public through its collections, spaces, and services. For more information, please visit the Library's (<http://www.uwec.edu/library/>) webpage (<https://library.uwec.edu/>).

Spaces

- Blugold Makerspace with 3d printers, laser cutter, sewing machines, vinyl cutter, tools, art supplies, and more, for student academic or personal use

- Digital Studio: a multimedia lab with equipment and support in video and audio recording, photography, graphic design and virtual reality
- quiet study areas of the 4th and 5th floor
- group and individual study rooms, collaborative and individual computer stations, an interview room
- Variety of individual and collaborative study areas in a 6-story structure
- a 24-hour study area
- McIntyre Library houses the Honors Center, the Center for Writing Excellence, and the university Test Center. Additionally, the library provides amenities supporting mind-body wellness, including exercise equipment, a SADD light station, yoga classes, and the "Rest Nest" relaxation space (a service of Student Health Services)

Services

- Research assistance, virtual and in-person. Meet with a librarian on a drop-in basis or by appointment.
- Makerspace and Digital Studio workshops and one-on-one training
- Fine-free checkout on most materials
- Borrowing services from other libraries, including all UW System libraries
- Events including therapy dog visits, yoga classes, After Dark welcome party, art installations, sustainability and recycling drives

Collections

- online databases providing access to millions of articles, e-books, streamed videos, statistical resources and more
- more than 500,000 print books, journals and media items
- popular reading collection
- Special Collections and Archives, including historical manuscripts, artifacts, documents, public records, maps, and photographs; rare books; university records and theses; and distinct digital collections
- Equipment for checkout, such as laptop computers, cameras and video/audio recording equipment, data projectors, device chargers, portable PA system and more
- children's and young adult literature collection (Educational Materials Collection)

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

(Vicki Lord Larson Hall 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 Canvas are available on the university homepage (<http://www.uwec.edu>).

Educational and Community Services

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 Speech-Language Pathology, Education and Learning, Nursing, Psychology, Special Education, and Family Assessment provide evaluation, intervention, and consultation services to children, adolescents, young adults, and families referred from the community. 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.

Psychological Services Center

The Psychological Services Center, a clinic staffed by faculty members from the School Psychology program, is located in the HDC. The center provides psychological and family assessment, 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.

Academic Intervention Clinic

The Academic Intervention Clinic, a program sponsored by the HDC, provides school-aged children and adolescents with educational support in the areas of math and reading. 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. Faculty-student collaborative research experiences that focus on applied practice are available to graduate students across disciplines.

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 the supervision of licensed speech-language pathologists (SLPs), work in the clinic with clients who would like support for voice, stuttering, speech sound production, hearing, traumatic brain injury, aphasia, and language disorders. The Center is located on the first

floor of the Human Sciences and Services building and provides services at no cost to all clients. Contact Heather Pederson at 715-836-4185 for additional information or to request services.

Continuing Education and UW Extended Campus

Continuing Education links the campus and the community by providing a variety of credit and noncredit learning opportunities. The unit, in cooperation with the University's colleges, provides graduate and undergraduate courses both on- and off-campus in formats convenient to adult learners. Continuing Education courses are open to the general public. For additional information, call 715-836-3636 or visit the website (<http://www.uwec.edu/ce/>).

Student Services

The full complement of student services is available on campus to graduate students. These are described on the Equity, Diversity, Inclusion and Student Affairs (<https://www.uwec.edu/Studentaffairs/>) and Dean of Students (<https://www.uwec.edu/DOS/>) websites.

The Oasis Room (room 266) in Davies Center, is a study lounge and meeting area designated for non-traditional and graduate students. To gain access to the library lounge, graduate students may present their Blugold ID at the front desk of the library. Individually assigned lockers are available in the library's lounge.

Academic Support Services includes: Advising, Retention + Career Center (<https://www.uwec.edu/connect/advising/>), Academic Skills Center (<https://www.uwec.edu/ASC/>), Office of Multicultural Affairs (<https://www.uwec.edu/equity-diversity-inclusion/edi-services-programs/multicultural-affairs/>), and Services for Students with Disabilities (<https://www.uwec.edu/SSD/>). Staff in these areas will assist students with questions regarding areas of study, personal objectives, and career goals. Career Services (<https://www.uwec.edu/career-services/>) provides information on career development and assists graduates in finding career opportunities appropriate to their specialization, training, and abilities. The staff is in contact with numerous college administrators, representatives of business and industry, government services, and health agencies, many of whom interview students on campus.

Special services are available to students with disabilities who provide documentation of need to the Services for Students with Disabilities Office (<https://www.uwec.edu/SSD/>), Centennial Hall 2016. All academic buildings on campus are accessible.

Graduate students may apply for health insurance and may utilize the facilities of the Student Health Service (<https://www.uwec.edu/SHS/>). Counseling is available to any student needing assistance with personal crises or in need of confidential counseling services. Counseling Services (<https://www.uwec.edu/Counsel/>) is located in VLL 2122.

Children's Nature Academy

The UW-Eau Claire Children's Nature Academy (CNA), is a five-star (Youngstar) nature based early learning program, licensed by the state of Wisconsin. The program provides care and learning to children ages six weeks through age ten, on the University's beautiful 112-acre Priory Campus. Priority enrollment is given to UWEC students. However, all families from the UWEC and surrounding community are welcome. 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 on the website (<https://www.uwec.edu/children/>).

Advising of Students

Assistance, information, and counsel are provided by departments offering graduate programs, and by the office of the College Dean. Upon admission to a program, each graduate student is assigned an advisor who is a member of the graduate faculty and who shares the student's area of interest. Admitted and graduate special students can obtain advising on an informal basis.

Academic Opportunities

Interdisciplinary Graduate Education/Human Development Center

Human Sciences and Services 160
715-836-5604
<http://www.uwec.edu/HDC/>

Graduate Faculty

Michael I. Axelrod, Ph.D. (Director)
Melissa Coolong-Chaffin, Ph.D.
Brian Orr, Ph.D.
Mary Beth Tusing, Ph.D.

The Human Development Center (<https://www.uwec.edu/HDC/>) (HDC) is a nationally known interdisciplinary program working with individuals and families from western Wisconsin. Under the direct supervision of faculty supervisors, graduate and undergraduate student clinicians from multiple disciplines (e.g., Communication Sciences and Disorders, Nursing, School Psychology, Education) provide assessment, intervention, and consultation services to children, adolescents, young adults, and families. The HDC offers faculty and students the opportunity to collaborate with other disciplines in clinical practice and research. Cooperative and individual research projects are encouraged. Major research projects are conducted by faculty members with assistance from graduate assistants employed at the HDC, or by graduate students working with faculty on theses or other research projects.

Students participate in the HDC as part of assessment, practicum, or internship courses that are offered within the various participating departments. An average of 70 graduate students participate directly in interdisciplinary assessment, intervention, and consultation activities each year.

Research Support

Some funding is available to assist graduate students in their research costs and research dissemination through the Office of Research and Sponsored Programs (<https://www.uwec.edu/ORSP/students/grad.htm>).

Use of Human Subjects in Research

Federal regulations and University policy require that research projects involving human subjects be designed to protect the rights of the subjects, the researcher, and the University. This pertains to all classes, independent studies, and thesis research as well as faculty/student research collaborations. Each proposal involving human subjects and its provisions for their protection must be reviewed and approved by the Institutional Review Board (IRB) for the Protection of Human Subjects prior to initiation of the work. Some research conducted as part of a course requirement or graduate program's curriculum may be covered through an Exemption obtained by the course instructor or

program director. At the graduate level, most research studies, including theses and capstone projects, involving human subjects require IRB approval. Before submitting IRB proposals through the online process, graduate students and their faculty advisors must complete the appropriate Collaborative Institutional Training Initiative (CITI) course (<https://www.uwec.edu/orsp/irb-citi-training/>).

Research on regular and special education instructional strategies and research on the effectiveness of or comparison of instructional techniques, curricula, or classroom management methods are among the types of projects that may be handled by an expedited review process. For more information on the IRB process, see the manual *Policies and Procedures for Protection of Human Subjects in Research*, available electronically at www.uwec.edu/ORSP/IRB (<https://www.uwec.edu/orsp/faculty-academic-staff/research-using-human-subjects/>).

For specific help in submitting a proposal to the IRB, see *How to Submit to the IRB* at the same website.

For additional communication, contact the chair of the UW-Eau Claire Institution Review Board for the Protection of Human Subjects, Schofield 17, phone 715-836-3405.

Use of Animals in Research and Teaching

All students involved in the care or use of vertebrate animals and all facilities used for such animals must operate within the guidelines of the *Guide for the Care and Use of Laboratory Animals*. Copies of the Guide and other pertinent materials may be obtained from the Chair of the Institutional Animal Care and Use Committee in the Department of Biology, 715-836-4166. Additional information is at www.uwec.edu/ORSP/IRB/IACUC.htm. (<http://www.uwec.edu/ORSP/IRB/IACUC.htm>)

Academic Policies and Regulations

Academic policies and regulations apply to all graduate 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 Load

Students registered for nine or more credits are considered full-time graduate students. Students registered for at least four credits but less than nine credits are considered half-time. The University standard is that no more than one graduate credit may be taken per week of attendance during summer session. Students registered for six or more credits in the summer session are considered full-time graduate students. Students enrolled for three to five-and-a-half credits are considered half-time.

Enrollment in at least one thesis credit or in an applied field project is also considered full-time enrollment for financial aid and enrollment certification purposes.

Graduate students may register for no more than 15 credits during a semester and no more than one credit per week for the summer session. Registrations in excess of these limits are appropriate only under very rare circumstances and are possible only with the approval of the College Dean.

Registration

Schedule of Classes

Graduate courses are offered at a variety of times, both on-campus and online. The schedule of classes is usually available online in March for the fall semester, October for the winter session and spring semester, and in November for the summer session.

Registration in Courses

Students admitted to a particular graduate program are eligible to register early in the priority registration period. Students who are otherwise qualified but have not been admitted may also register early as graduate special students during priority registration.

Dates of registration and detailed instructions for registering are available on the Registrar's website (<https://www.uwec.edu/blugold-central/academic-planning/academic-registration-calendars/>) in advance of the beginning of each registration period.

Repetition of Courses

Graduate students may repeat no more than two courses previously taken for graduate credit, with the exception of "repeatable" courses. Any repetition including repetition of courses from which students withdrew with a mark of W must have approval of the student's adviser, and the Program Director and College Dean of the program in which the student is enrolled. A given course may be repeated no more than once, with the exception of "repeatable" courses. The grade earned in the repetition of the course replaces the grade earned initially.

In order to repeat a course, approval must be obtained from the College Dean's office before the time of registration. 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 topic courses when the topic is not the same as that taken at the undergraduate level, or at the discretion of the program adviser.

Satisfactory/Unsatisfactory (S/U) Registration

In graduate course work, Satisfactory or Unsatisfactory (S/U) registration is allowed only for courses that explicitly require S/U registration in the UW-Eau Claire graduate catalog. S/U registration is not permitted for any non-clinical, non-practicum, or non-project based graduate courses.

S/U Grades

The grade of S is equivalent to at least a B 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 into the student's semester and resident GPAs.

The grade of U is equivalent to a B- or below in the standard grading system. No credit is granted. The grade of U is not computed into the student's semester and resident GPAs.

Withdrawal from the University

Students intending to terminate their study during a semester when they are registered for courses must officially withdraw from the University (<https://www.uwec.edu/blugold-central/academic-planning/registration-changes/>)

withdraw-from-university/). Withdrawal from all courses in which a student is registered, even if only one course, constitutes withdrawal from the University.

Withdrawal from Courses

Forms for withdrawal from a course are available through Blugold Central (VLL 1108). Withdrawals from full-semester courses during the first two weeks of classes of spring or fall semesters will not be entered on the record. Withdrawals from classes through the tenth week of classes will yield a record of W. The student may not withdraw from classes after the beginning of the eleventh week of classes. If there are unusual circumstances beyond the student's control which force withdrawal, the student may request permission for late withdrawal from the Associate Dean for their College.

Note: During the 2022-2023 academic year the withdrawal deadline will extend through the thirteenth week of classes. This temporary pilot will then be evaluated and a permanent recommendation will become effective for the 2023-2024 academic year.

A student who stops attending a course and fails to withdraw officially will receive a grade of XF from the instructor, which indicates an unofficial withdrawal and appears as an F on the academic record.

Similar deadlines apply to eight-week courses in the summer session: no record for withdrawals the first week of classes; W for withdrawals during the second to fifth week; and no withdrawals after the fifth week. These deadlines are prorated for short courses and workshops.

The dates of these deadlines are displayed on students' CampS Student Center.

Enrollment of Undergraduates

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, unless enrolled in an approved accelerated graduate plan with a dual bachelor's and master's degree component. The graduate credits cannot be used to satisfy requirements for the bachelor's degree, unless enrolled in an approved accelerated graduate plan with a dual bachelor's and master's degree component. Application forms for enrollment in graduate courses as an undergraduate may be obtained from Blugold Central.

Grades Grading Systems

Graduate students may earn grades of A (A=Excellent), A-, B+, B (B=Good), B-, C+, C (C=Fair), C-, D+, D (D=Poor), D-, or F (F=Failing) in courses. Grade point values are assigned on a four-point system as follows:

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. Courses in which grades below C (GPA of 2.00) are earned are not applicable to degree requirements. Courses in which grades of C are earned may be applied toward degree requirements, providing the student has sufficient grades of A to achieve the required overall GPA of 3.00, or B average. All credits attempted in graduate courses at the University are utilized in computing the overall graduate GPA. Grades in transfer courses are not counted in the computation of the resident GPA at UW-Eau Claire.

Incomplete grades may be allowed in a course by the professor. An incomplete grade must be removed no later than the end of the regular semester following the term in which the incomplete was received, although the professor may set an earlier deadline. Grades of "incomplete" not removed by the deadline date are converted to a grade of F.

The letters PR indicate progress in the completion of the research paper and the thesis. The letters are used instead of a grade for courses numbered 795 and 799. Credit and a grade of "S" are recorded for these courses upon satisfactory completion of the oral examination and research paper/thesis.

Note: Some programs may have additional restrictions on specific grades.

Transcripts

An official transcript of a student's record will be issued by the Registrar's office per 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>).

Academic Standards Satisfactory Academic Progress Policy

Academic standing is determined after each semester/term. Graduate students, including both admitted and graduate non-degree seeking (special) registrants, are expected to maintain an overall 3.00 GPA. Students whose GPA falls below 3.00 are placed on probation. Students placed on probation must raise their overall graduate GPA to 3.00 or above at the conclusion of their next term of enrollment. Those who achieve the 3.00 are removed from probation and moved to full standing. Students who are on probation and who do not achieve the 3.00 GPA upon completion of the next term of enrollment will be academically dismissed unless the student's advisor, program director, and dean approve to extend the probationary period by an additional term.

MBA program students may be subject to additional requirements; see the MBA program section of this catalog for details.

Duration and Time Limits of Graduate Programs

While some graduate degree programs can be completed in an academic year, it may take longer to fulfill all requirements. For students who must satisfy undergraduate deficiencies or prerequisites, additional time will be required. Degree programs such as those leading to the MBA and MSN degree require longer than one academic year.

A period of seven years is allowed from the beginning to the completion of a graduate degree or a graduate certificate program; that is, the complete degree plan including all transfer credits allowed, must be fulfilled within seven years. The beginning date of the semester or summer session of enrollment for the earliest credits counted toward degree requirements marks the beginning of the seven-year period.

No extensions of this period will be granted except for unusual health reasons, leaves of absence for military purposes, or other extenuating circumstances approved by the Graduate Dean. A petition for extension may be filed with the Graduate Dean.

Academic Integrity

Graduate students must uphold the highest standard of integrity for their work and foster a personal and social ethic of honesty that meets academic and professional challenges as well as the needs of a democratic society and a diverse world. One of UW-Eau Claire's expectations for graduate students is to avoid academic dishonesty in all forms through understanding the ethical standards of the university and the discipline.

Academic misconduct, intentional or unintentional, erodes the integrity of the pursuit of knowledge, which is primary to UW-Eau Claire's mission. Any act of academic misconduct that results in undue advantage or violates the spirit of authorship is sanctionable. The Academic Integrity section of **Your Right to Know** student handbook describes both the process to be followed and the variety of sanctions that may be imposed by the instructor or program director in instances of academic misconduct. In the case of a finding of cheating or plagiarism on any graduate program project, examination or paper—including, but not limited to the comprehensive examination and graduate thesis—such action will result in expulsion from the graduate program or revocation of an awarded degree.

University Graduation Requirements

Degree Program Requirements

All graduate degree programs require a minimum of 30 credits of graduate course work (500 level and higher) in the area of specialization, with at least 50% of the minimum number of credits required in the degree program earned in 700 level courses or higher.

General requirements of programs are described in this catalog under degree programs and in the sections concerning specific disciplines and specializations. While faculty advisors are responsible for assisting students in the development of their programs, it is the student's responsibility to know and to meet all the requirements for a specific degree.

Degree Program Plan/Audit

Students admitted to a graduate degree program will have an electronic degree audit available through CampS, which will include general University requirements, as well as program specific requirements. The degree audit can be viewed as an interactive online degree audit or PDF; the PDF version of the degree audit is recommended as it contains more information, such as petitions. Please note that in-progress courses will be treated as if already completed on the degree audit. If a program is without an electronic degree audit, a student must file a Graduate Degree Program Plan. This degree plan must be filed by the student and approved by the student's program advisor, Graduate Program Director, College Dean, and the Dean of Graduate Studies by the completion of the first 15 graduate credits. An approved program plan must be on file prior to scheduling a written or oral comprehensive exam, or applying for graduation.

Student Petitions

Graduate students may petition the Graduate Dean for review of decisions concerning their degree requirements or academic standing. The petition must be in writing and must include justification for the petition, such as extenuating circumstances and pertinent facts not available for consideration in the initial decision, and it may require the completion of a form. To petition course work, University or degree requirements, a Graduate Program Change eForm is required and can typically be initiated by the student. For more unusual petitions, such as an extension of time to complete degree requirements, or a prior approval for a transfer course, a student should consult their program advisor or the Office of Graduate Studies.

Culminating Experiences

Most graduate programs require some kind of culminating experience. It might be a thesis, research project, internship, written or oral comprehensive examination, portfolio, etc. *Program specific requirements may be found within this catalog under degree program requirements, or they will also appear on a student's degree audit, if required.* Below are some of the culminating experiences that are overseen by the Office of Graduate Studies.

Written Comprehensive Examination

Many graduate degree programs require successful performance on a written comprehensive examination toward the close of the student's work for the degree. The written comprehensive examination consists of questions over broad areas of study within the field and/or over the student's area of specialization. The student is expected to demonstrate knowledge and skills appropriate to the master's level in integrating facts, concepts, and arguments from diverse sources into a systematic, well-reasoned, well-written narrative.

The comprehensive examination is prepared and evaluated by the graduate faculty of the department(s) in the student's area of specialization. The scoring/grading standard is determined by the department(s) and will be made available to the student prior to the exam, upon request.

A student may take the written comprehensive examination during or after the semester in which all courses in the area of specialization are completed. Within the first week of the term, students must notify the Graduate Program Director in writing of their intention to take the examination. The Graduate Program Director may accept or decline late requests from students. The examination is administered by the graduate program no later than the eleventh week of the semester during the academic year and four weeks prior to the end of the summer session. The result of "satisfactory" or "unsatisfactory" is reported to the Graduate Dean not later than seven working days afterward, and the Graduate Dean notifies the student in writing not later than three working days after receiving the report from the Program Director.

A student whose performance is unsatisfactory may repeat the examination at the next regularly scheduled administration; students are not permitted to take the examination more than once in the same term. A student who has taken the examination twice with unsatisfactory results will be academically dismissed from the program.

Students should consult the timetable published by their graduate program for the exact date when the examination will be administered during a specific term.

Project or Portfolio

A project can be a research paper, creative project, portfolio, non-research-based paper, or field-based project that results in a contribution to knowledge in one's area of expertise. Generally, a project differs from a thesis in terms of the depth of work. A committee may, or may not, be involved in the project.

As part of degree requirements, a minimum number of project credits may be required. With the approval of their advisor, students may repeat these courses multiple times until they complete the project, although a limited number of credits may be applied toward a degree. The mark of "PR" rather than a grade is recorded for some project credits. Credit and a grade of "S" are recorded for these courses upon satisfactory completion of the project.

Oral Examination

In programs which require it, the oral examination may be the official oral defense of the student's thesis, it may be an extension of the written comprehensive examination, or it may focus on the student's research project or the area of specialization.

Oral examinations must be successfully completed at least 10 days prior to graduation. The oral examination must not be held until the student has satisfactorily completed the written comprehensive examination and/or, if appropriate, has had the thesis or project approved by their advisor. The scoring/grading standard is determined by the department(s) and will be made available to the student prior to the exam, upon request.

For students who are defending a thesis, the oral committee must consist of at least three members of the graduate faculty and must include a member of the graduate faculty from outside the student's department(s) of specialization. For those completing a non-thesis oral exam, the committee must consist of at least one member with graduate faculty status, and at least two other members of the faculty or instructional academic staff who hold at least a master's degree and have qualifying experience relevant to the exam topic. Programs may require that all oral committees meet the qualifications of those defending a thesis.

The committee is appointed by the Graduate Dean upon the advice and recommendation of the advisor and Program Director in the student's area of specialization. The chair of the oral committee (typically the thesis or program advisor) reports the results of the examination as "satisfactory" or "unsatisfactory" to the Graduate Dean.

A student whose performance is unsatisfactory may repeat the examination at a time scheduled by the committee and approved by the Graduate Dean. A student who has taken the examination twice with unsatisfactory results will be academically dismissed from the program.

Thesis

A thesis is an extensive original research paper/creative project that results in a significant contribution to knowledge in one's area of expertise. The student works with a full graduate faculty committee from the beginning through the completion of the thesis in order for the work to be as robust as possible.

For degree programs requiring or allowing the option of a thesis, a description of acceptable topics and the precise nature of the requirements is provided in the departmental program descriptions. As part of their degree requirements, students completing a thesis should register for a minimum number of thesis credits (courses numbered 799). With the approval of their advisor, students may repeat these courses multiple times until they complete the thesis, although a limited number of credits may be applied toward a degree. The mark of PR rather than a grade is recorded for thesis credits (courses numbered 799). Credit and a grade of "S" are recorded for these courses upon satisfactory completion of the oral examination (defense) and thesis. Unless some other guide is specified by the department, the latest edition of The University of Wisconsin-Eau Claire Thesis Manual governs the writing and form of the thesis. The thesis manual may be found within "Forms and Documents" on the Graduate Studies website (<https://www.uwec.edu/Graduate/>). An electronic copy (PDF) ¹ of the approved, final typed thesis must be submitted to the Graduate Dean no later than one week prior to the last day of classes of the semester or summer session in which the student plans to graduate. Please refer to the Graduate Studies Timetable on the Graduate Studies website for exact deadlines. A student may be academically dismissed from a program as a result of unsatisfactory progress on the thesis.

¹ Please refer to the "Thesis Consent Form" on the Graduate Studies website (<https://www.uwec.edu/academics/graduate-studies/deadlines-forms-documents/>) for the different options for submitting a thesis.

Graduation

Each candidate for a graduate degree must apply for graduation via MyBlugold CampS by the end of the first week of classes of the semester or summer session during which the student expects to complete requirements for the degree. Graduate students must be admitted in "full standing" to a specific degree program, and be currently enrolled, to be eligible for graduation.

Students who have completed all enrollments for credits required for the degree and are working only on a thesis, project, and/or taking comprehensive examinations are required to enroll for "graduation only" (courses numbered 798 or 898) or another graduate credit during the semester in which they will be completing these degree requirements for graduation. The enrollment fee for "graduation only" will be equal to the established fee for one graduate credit.

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, gowns, and hoods

must be worn by all graduates. Details about the upcoming commencement ceremonies can be found on the Graduation/Commencement (<https://www.uwec.edu/commencement/>) website.

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 graduate degree, or
2. current enrollment in the courses necessary to complete all requirements, or
3. completion of all degree requirements with the exception of a mandatory internship or other field placement course requiring no more than six credits.

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.

Certification/Licensure for Communication Sciences and Disorders and School Psychology

The degree programs in Communication Sciences and Disorders and School Psychology lead to licensure. It is important that students work with their department to determine if they have met all requirements for licensure.

All licensure programs require either a student teaching/externship or internship assignment. In addition, students must demonstrate content area proficiency through either earning a minimum 3.0/4.0 GPA in content courses or through obtaining a passing score on the appropriate Praxis II exam. The standardized examination and passing score shall be determined by the State Superintendent. Students must apply for field experience assignments one year in advance. Applications must be filed by the last day of final examinations in December for a summer or first-semester placement or by the last day of final examinations in May for a second-semester placement.

Failure to meet application deadlines may result in a delay of the student teaching/externship or internship assignment.

Candidates who satisfactorily complete all requirements in a teacher licensure program may ask the University to recommend them for teaching licenses. A College of Education and Human Sciences graduate who desires to teach in Wisconsin will apply for that license using the WI Department of Public Instruction's (DPI), ELO (Electronic Licensing Online).

Upon completion of all program and University requirements, a student's information will be forwarded to WI DPI verifying program completion, (including the completion of all required tests), that a degree has been awarded, and what programs the teaching candidate shall be licensed in. Candidates will then apply for their license.

Certification/Licensure for Athletic Training

Athletic Trainers in Wisconsin and most states must be licensed as an Athletic Trainer by the Department of Regulation and Licensing, Department of Public Health, or Department of Professional Services, etc. in order to practice in that state. To be granted an Athletic Training license to practice, individuals must achieve a passing score on the Athletic Training Certification

exam administrated by the National Athletic Trainers' Association Board of Certification (BOC). Graduates of UW-Eau Claire's Master of Science in Athletic Training will be eligible to sit for the exam once they are registered for their last semester of course work. After students have completed all requirements for the MSAT Program, and fulfilled all CAATE associated educational competencies and proficiencies per accreditation standards, they will be eligible and given approval to register for the BOC, Inc. examination by the Program Director.

Graduate Programs/Courses

All graduate degree programs require a minimum of 30 credits of graduate course work (500 level and higher) in the area of specialization, with at least 50% of the minimum number of credits required in the degree program earned in 700 level courses or higher. Most degree programs also require a culminating experience. The culminating experience can be an examination, thesis, project, internship, portfolio, or a combination of the above. Programs without a culminating experience may require additional coursework. See information under the specific program for the requirement(s) for that program.

UW-Eau Claire Graduate Degrees

- Master of Arts
 - History
- Master of Business Administration
- Master of Education—Professional Development
- Master of Science
 - Athletic Training
 - Communication Sciences and Disorders (Speech-Language Pathology)
 - Data Science (Mathematics)
- Master of Science in Education
 - School Psychology
- Master of Science in Nursing
- Specialist in Education
 - School Psychology
- Doctor of Nursing Practice

Doctor of Nursing Practice (DNP)

- **Post-Master's DNP:**
 - **Nursing, DNP (Code 700-830)**
 - **Nursing, Nurse Executive (Code 700-837)**
- **Post-Baccalaureate DNP:**
 - **Nursing, Adult-Gerontology-Administration (Code 700-832)**
 - **Nursing, Adult-Gerontology-Primary Care Nurse Practitioner (Code 700-833)**
 - **Nursing, Adult-Gerontology-Clinical Nurse Specialist (Code 700-834)**
 - **Nursing, Family Health-Administration (Code 700-835)**
 - **Nursing, Family Health-Nurse Practitioner (Code 700-836)**

The DNP degree is for individuals pursuing education in advanced practice nursing. It is a clinical doctorate designed to prepare nurses to assume leadership roles in the areas of advanced clinical practice (nurse practitioner or clinical nurse specialist) or nursing administration/nurse executive. Courses address topics such as organizational and systems leadership, influencing health policy, evidence-based practice and research utilization, information systems and patient care technology, interprofessional collaboration, improving patient and population health outcomes and effecting change, and evaluating health outcomes. Both the MSN-to-DNP (post master's) and BSN-to-DNP (post-baccalaureate) options are available at UW-Eau Claire.

Master of Arts (MA)

- **History (Code 380-804)**
- **History-Public History (Code 380-808)**

The Master of Arts degree serves persons who already have substantial preparation in the discipline in which they seek a graduate degree, and who

wish to extend their knowledge and skills in their area of specialization for self-improvement, professional roles, or further graduate study.

Master of Business Administration (MBA)

- **Business Administration, UW MBA Consortium Online (Code 740-801)**

The purpose of the College of Business MBA program is to guide students in becoming effective leaders who possess broad, practical understanding of the business world and the dynamic, global environment in which it operates. The program is designed to develop each individual's ability to recognize the needs of customers, employees, stockholders, and other organizational stakeholders; secure competitive advantage through emphasis on quality, technology, and innovation; communicate effectively and interact with members of a diverse, global work force and business environment; apply a variety of decision-making tools and techniques to dynamic business situations; and manage an organization in a socially responsible and ethical manner.

The program is designed to meet the needs of individuals currently in the work force who wish to pursue an MBA on a part-time basis while continuing their full-time employment. See the MBA Program section of this catalog for further information and specific degree requirements.

Master of Education-Professional Development (MEPD)

- **Professional Development, MEPD (Code 949-807)**

The Master of Education-Professional Development degree provides for the enhancement of professional competencies in education for experienced, certified educators. It is designed for individualized continuing education to assist educators in the development of competencies that relate specifically to their job needs and to their professional growth. To be admitted to a MEPD program an applicant must have a minimum of two years teaching experience or equivalent.

Master of Science (MS)

- **Athletic Training (Code 995-801)**
- **Communication Sciences and Disorders, Residential (Code 622-806)**
- **Communication Sciences and Disorders, Online (Code 622-807)**
- **Data Science, Online (Code 181-801)**

The Master of Science degree is awarded to students who have demonstrated mastery of a specific field of study or area of professional practice. Students may enter such programs with substantial preparation in the discipline in which they seek a higher degree or it may be a new area of study for an individual, depending upon the requirements of the program.

Master of Science in Education (MSE)

- **School Psychology (Code 442-803)**

The Master of Science in Education degree is designed to develop capabilities in special professional roles in the field of education. The MSE in School Psychology is earned at the completion of the first year of the three-year Specialist in Education degree.

Master of Science in Nursing (MSN)

- **Nursing, Family Health-Education (Code 700-811)**
- **Nursing, Family Health-Administration (Code 700-812)**

- **Nursing, Adult-Gerontology-Administration (Code 700-816)**
- **Nursing, Adult-Gerontology-Education (Code 700-819)**

The Master of Science in Nursing degree is designed to prepare nurses with a population focus in Adult-Gerontologic Health Nursing or Family Health Nursing to assume leadership roles in advanced professional nursing. The core curriculum is designed to develop and increase students' competencies in theory analysis and evaluation, concept clarification and development, research, and refined skills in clinical inquiry, ethics, leadership, and analysis of contemporary issues. Building on the core curriculum, students apply new knowledge and skills in the clinical setting.

The program provides functional role preparation as a nurse educator or nurse administrator/leadership and management. Required nursing courses focus on the functional dimensions of the role, its theory and expectations, and strategies for implementation.

Specialist in Education Degree (Ed.S.)

- **School Psychology (Code 442-805)**

The Specialist in Education degree is offered in School Psychology. This three-year program includes two years of full-time on-campus study, and a one-year, full-time internship. After successful completion of the first year of the program (31 credits of study and a passing grade on a comprehensive examination), students are awarded the Master of Science in Education degree. The Ed.S. degree requires an additional 37 graduate credits beyond the MSE degree. By earning this degree, students meet all of the requirements for certification by the State of Wisconsin as a School Psychologist and become eligible for National Certification in School Psychology.

Credit-Bearing Graduate Certificate Programs

- **African American History (Code 380-614)**
- **Asian History (Code 380-615)**
- **Communication and Leadership in Health Organizations (Code 583-602)**
- **Data Science (Code 181-601)**
- **Director of Special Education & Pupil Services (Code 950-604)**
- **European History (Code 380-616)**
- **Global History (Code 380-617)**
- **Historical Research and Writing (Code 380-618)**
- **Latin American History (Code 380-619)**
- **Military History (Code 380-621)**
- **Native American History (Code 380-622)**
- **Public History (Code 380-623)**
- **Race and Ethnic History (Code 380-624)**
- **United States History (Code 380-625)**
- **Women, Family & Gender History (Code 380-626)**

Graduate certificates may be earned by graduate degree seeking or non-degree seeking students. Guidelines and standards are identical for both groups. Graduate certificate programs require no fewer than 15 credits, and all credits required for the graduate certificate program must be graduate-level credits (500-level and above). No fewer than six credits must be taken at the 700 level. At least 50 percent of the credits applied to the graduate certificate program requirements must be taken through UW-Eau Claire. Departments or colleges proposing graduate certificate programs have the right to specify

1. admission requirements for entry into a certificate program, and
2. minimum GPA requirements for course and certificate completion.

Additional details on the minimum standards, procedures, and process for approving new credit-bearing graduate certificates may be found on the Graduate Studies website.

American Indian Studies

Hibbard 384

715-836-6045

Program Website (<https://www.uwec.edu/academics/college-arts-sciences/departments-programs/american-indian-studies/>)

The American Indian Studies Program offers graduate-level course work, but no graduate degree programs.

Graduate Faculty

Heather Ann Moody, Ed.D. (Program Director)

No graduate degree programs offered.

Art & Design

Haas Fine Arts 104

715-836-3277

Department Website (<https://www.uwec.edu/academics/college-arts-sciences/departments-programs/art-design/>)

The Art & Design Department offers graduate-level course work, but no graduate degree programs.

Graduate Faculty

Wanrudee Buranakorn, M.F.A.

Ned Gannon, M.F.A.

Mykola Haleta, M.F.A.

Jyl Kelley, M.F.A.

Steve Korinek, M.F.A.

Cedar Marie, M.F.A.

Karen O'Day, Ph.D.

Jill Olm, M.F.A.

No graduate degree programs offered.

Biology

Phillips 330

715-836-4166

Department Website (<https://www.uwec.edu/academics/college-arts-sciences/departments-programs/biology/>)

The Biology Department offers graduate-level course work, but no graduate degree programs.

Graduate Faculty

Julie Anderson, Ph.D.

Winnifred Bryant, Ph.D. (Chair)

Bradley Carter, Ph.D.

Catherine Chan, Ph.D.

Derek Gingerich, Ph.D.

Daniel Herman, Ph.D.

Daniel Janik, Ph.D.

Tali Lee, Ph.D.
 David Lonzarich, Ph.D.
 Jamie Lyman Gingerich, Ph.D.
 Nora Mitchell, Ph.D.
 Sasha Showsh, Ph.D.
 Jennifer Smith, Ph.D.
 Evan Weiher, Ph.D.
 Lauren Wentz, Ph.D.
 Nicolas Wheeler, Ph.D.

No graduate degree program offered.

Chemistry and Biochemistry

Phillips 430
 715-836-3417
 Department Website (<https://www.uwec.edu/academics/college-arts-sciences/departments-programs/chemistry/>)

The Chemistry and Biochemistry Department offers graduate-level course work but no graduate degree programs.

Graduate Faculty

Scott Bailey-Hartsel, Ph.D.
 Sudeep Bhattacharyay, Ph.D.
 Michael J. Carney, Ph.D.
 Patricia Cleary, Ph.D.
 Bart J. Dahl, Ph.D.
 Jennifer Dahl, Ph.D.
 Tyler Doyon, Ph.D.
 Stephen Drucker, Ph.D.
 Abbey E. Fischer, Ph.D.
 Deidra Gerlach, Ph.D.
 Jason A. Halfen, Ph.D.
 Sanchita Hati, Ph.D.
 Krysti L. Knoche Gupta, Ph.D.
 James A. Phillips, Ph.D.
 Kurt Wiegel, Ph.D.
 Thao Yang, Ph.D.

No graduate degree programs offered.

Communication and Journalism

Hibbard 152
 715-836-2528
 Department Website (<https://www.uwec.edu/academics/college-arts-sciences/departments-programs/communication-journalism/>)

The Communication and Journalism Department offers the Communication and Leadership in Health Organizations Graduate Certificate and graduate-level course work.

Graduate Faculty

Peter Hart-Brinson, Ph.D.
 Mary Hoffman, Ph.D.
 Won Yong Jang, Ph.D.
 Kristine Knutson, Ph.D. (Chair)
 Mengyan Ma, Ph.D.
 Ellen Mahaffy, M.F.A.
 Nicole Schultz, Ph.D.
 David Tschida, Ph.D.

Ganga Vadhavkar, Ph.D.
 Mary Worley, Ph.D.

Graduate Certificates

- Communication and Leadership in Health Organizations

Communication and Leadership in Health Organizations - Graduate Certificate

(Code 583-602)

The graduate certificate in Communication and Leadership in Health Organizations provides professionals who work or wish to work in health care settings with communication knowledge and skills to attain leadership roles in their departments or enhance their performance in a current leadership role. All courses are entirely online and offered in 7-week sessions to accommodate the needs and preferences of working professionals. Coursework focuses on knowledge of the role of communication in effective leadership in a variety of contexts within and beyond organizational borders. Courses emphasize the application of knowledge and skills to challenges faced by contemporary health organizations.

A bachelor's degree from an accredited institution is required to enroll in the courses and be eligible to earn the Graduate Certificate in Communication and Leadership in Health Organizations.

To earn the Certificate in Communication and Leadership in Health Organizations, students must complete the following 15 credits of coursework:

Code	Title	Credits
CJ 700	Communicating to Lead in Health Organizations	3
CJ 707	Group/Team Communication Healthcare Contexts	3
CJ 714	Communication and Health Policy	3
CJ 752	Leading Organizational Change	3
CJ 774	Health Campaigns and Population Health	3
Total Credits		15

Communication Sciences and Disorders

Human Sciences and Services 112
 715-836-4186
 Fax: 715-836-4846
 Department Website (<https://www.uwec.edu/academics/college-education-human-sciences/departments-programs/communication-sciences-disorders/>)

The field of speech-language pathology focuses on collaboration among faculty, students, clients, and families to meet the needs of individuals with communication disorders. We have high expectations for all of our graduate students and a proven track record of positive teaching and learning experiences. As a helping profession we take our responsibility seriously to prepare our students to become innovative, critical-thinking professionals.

The Master of Science (M.S.) program in speech-language pathology at the University of Wisconsin Eau Claire is accredited by the Council on Academic

Accreditation in Audiology and Speech-Language Pathology of the American Speech-Language-Hearing Association, 2200 Research Boulevard, #310, Rockville, MD 20850, 800-498-2071 or 301-296-5700.

Our graduate students are also prepared for licensure by the Wisconsin Department of Public Instruction (DPI).

Graduate Faculty

- Bryan Brown, Ph.D.
- Charlotte Clark, Ph.D.
- Abby Hemmerich, Ph.D. (Chair)
- Jerry Hoepner, Ph.D.
- Lesley Mayne, Ph.D.
- Brian Orr, Ph.D.
- Tom Sather, Ph.D.
- Sarah Schellinger, Ph.D.

There are nine additional instructional personnel in the Department of Communication Sciences and Disorders who hold the master's degree and a Certificate of Clinical Competence in Speech-Language Pathology or Audiology from the American Speech-Language-Hearing Association and are academic and/or clinical instructors in the graduate program.

Graduate Programs

- Communication Sciences and Disorders, Residential - Master of Science
- Communication Sciences and Disorders, Online - Master of Science

Communication Sciences and Disorders, Online - Master of Science

(Code 622-807)

The program leading to the degree in Communication Sciences and Disorders is designed to prepare the student to function independently as a speech-language pathologist. To accomplish that objective, it is necessary that the student develop knowledge and/or competencies in several areas:

1. knowledge of the spectrum of communication and swallowing disorders within the context of normal development and behavior;
2. knowledge of the nature, prevention, evaluation, and treatment of communication and swallowing disorders in children and adults in various professional practice settings;
3. evidence-based practice.

Completion of a master's degree is required prior to earning certification in speech-language pathology from the American Speech-Language-Hearing Association and prior to earning a license from the Wisconsin Department of Public Instruction for employment in public schools or from the Wisconsin Department of Safety and Professional Services for employment in all other settings. Almost all employment in speech-language pathology requires the master's degree. The master's degree program in speech-language pathology at this University is accredited by the Council on Academic Accreditation of the American Speech-Language-Hearing Association and is approved by the Wisconsin Department of Public Instruction. There is no program in audiology at UW-Eau Claire.

Practicum experiences are planned to serve the needs and interests of graduate students in communication sciences and disorders. They obtain a

variety of clinical experiences through the Center for Communication Disorders on campus and the department's many affiliated practicum sites. Under the supervision of qualified University personnel and qualified on-site speech-language pathologists at affiliated practicum sites elsewhere, students have the opportunity to work with clients ranging in age across the lifespan with all types of communication disorders. The affiliated practicum sites vary, including hospitals, clinics, community agencies, and schools.

To be considered for admission, an applicant must meet the following minimal criteria:

1. a baccalaureate degree, from a regionally accredited university;
2. a minimum of 30 earned semester credits in specific communication sciences and disorders coursework prior to matriculation into the graduate program;
3. a minimum cumulative GPA of 2.75 from each post-secondary degree earned, and a minimum GPA of 3.25 in communication sciences and disorders coursework;
4. a grade of B or above in any graded practicum experience; and
5. submission of all required application materials prior to the application deadline.

These application materials include: application to CSDCAS (all official transcripts, 3 letters of recommendation, and personal essay) and application to the university.

The fact that a student has met the minimal criteria listed above does not guarantee admission to the program. Enrollment in the graduate program is limited to a maximum number of students determined annually by the program faculty. In recent years, the number of students admitted annually has been 18 to 25. Applications for admission are reviewed only once per year for each program.

UW-Eau Claire's master's program in CSD is offered in two modalities: Residential and online. Both require successful completion of at least 54 CSD graduate credits.

Part-time online MS program

Application materials for our part-time program are due November 1st every year and students begin the program in the summer. This program requires that each student complete the following academic courses online in the Department of Communication Sciences and Disorders at the graduate level unless equivalent courses have been taken previously:

Code	Title	Credits
Fifty-four required semester credits, including:		
Required Courses (Forty credits)		40
CSD 648	Aphasia and Related Disorders	3
CSD 706	Language Assessment	3
CSD 710	Clinical Methods in Communication Sciences and Disorders	3
CSD 715	Research in Communication Sciences and Disorders	2
CSD 721	Seminar: Childhood Apraxia of Speech	1
CSD 725	Counseling in Communication Disorders	2
CSD 726	Organic Voice and Speech Disorders	3

CSD 729	Augmentative and Alternative Communication and Assistive Technology for Speech-Language Pathologists	3
CSD 731	Seminar: Child/Adolescent Language Intervention	3
CSD 737	Dysphagia	3
CSD 748	Motor Speech Disorders	3
CSD 749	Birth to 21 Methods in Communication Disorders	4
CSD 752	Developmental Stuttering and Other Fluency Disorders	3
CSD 754	Acquired Cognitive-Communicative Disorders	3
CSD 774	Pediatric Dysphagia	1
Clinical Practicum		
Select four credits of Clinical Practicum:		4
CSD 769	Graduate Clinical Practicum	
CSD 770	Clinical Practicum in Communication Disorders II	
CSD 771	Clinical Practicum in Communication Disorders III	
Externships		
Two externships (ten credits combined), which may be located in schools and/or rehabilitation settings:		10
CSD 780	Externship in Communication Disorders-Educational Settings	
CSD 781	Externship in Communication Sciences and Disorders---Non-School Setting	

Altogether there are 14 required clinical practicum credits in the graduate program, including externships and practicum enrollments. Practica and externships take place in the student's geographical locale. Typical program duration encompasses three summer, three fall, two winterim, and three spring terms. Students are admitted to this part-time program as a cohort and are expected to complete it with their cohort. All students are required to come to campus one week each summer and must successfully complete an oral comprehensive examination prior to graduation.

Communication Sciences and Disorders, Residential - Master of Science

(Code 622-806)

The program leading to the degree in Communication Sciences and Disorders is designed to prepare the student to function independently as a speech-language pathologist. To accomplish that objective, it is necessary that the student develop knowledge and/or competencies in several areas:

1. knowledge of the spectrum of communication and swallowing disorders within the context of normal development and behavior;
2. knowledge of the nature, prevention, evaluation, and treatment of communication and swallowing disorders in children and adults in various professional practice settings;
3. evidence-based practice.

Completion of a master's degree is required prior to earning certification in speech-language pathology from the American Speech-Language-Hearing Association and prior to earning a license from the Wisconsin Department of Public Instruction for employment in public schools or from the Wisconsin Department of Safety and Professional Services for employment in all other settings. Almost all employment in speech-language pathology requires the master's degree. The master's degree program in speech-language pathology at this University is accredited by the Council on Academic Accreditation of the American Speech-Language-Hearing Association and is approved by the Wisconsin Department of Public Instruction. There is no program in audiology at UW-Eau Claire.

Practicum experiences are planned to serve the needs and interests of graduate students in communication sciences and disorders. They obtain a variety of clinical experiences through the Center for Communication Disorders on campus and the department's many affiliated practicum sites. Under the supervision of qualified University personnel and qualified on-site speech-language pathologists at affiliated practicum sites elsewhere, students have the opportunity to work with clients ranging in age across the lifespan with all types of communication disorders. The affiliated practicum sites vary, including hospitals, clinics, community agencies, and schools.

To be considered for admission, an applicant must meet the following minimal criteria:

1. a baccalaureate degree, from a regionally accredited university;
2. a minimum of 30 earned semester credits in specific communication sciences and disorders coursework prior to matriculation into the graduate program;
3. a minimum cumulative GPA of 2.75 from each post-secondary degree earned, and a minimum GPA of 3.25 in communication sciences and disorders coursework;
4. a grade of B or above in any graded practicum experience; and
5. submission of all required application materials prior to the application deadline.

These application materials include: application to CSDCAS (all official transcripts, 3 letters of recommendation, and personal essay) and application to the university.

The fact that a student has met the minimal criteria listed above does not guarantee admission to the program. Enrollment in the graduate program is limited to a maximum number of students determined annually by the program faculty. In recent years, the number of students admitted annually has been 18 to 25. Applications for admission are reviewed only once per year for each program.

UW-Eau Claire's master's program in CSD is offered in two modalities: Residential and online. Both require successful completion of at least 54 CSD graduate credits.

Full-time residential MS program

Application materials for our full-time program are due January 1st every year and students begin the program in the fall. This program requires that each student complete the following academic courses in the Department of Communication Sciences and Disorders at the graduate level, unless equivalent courses have been taken previously:

Code	Title	Credits
Fifty-four required semester credits, including:		
Required Courses (Forty credits):		40
CSD 648	Aphasia and Related Disorders	3

CSD 706	Language Assessment	3
CSD 715	Research in Communication Sciences and Disorders	2
CSD 716	Essential Applications for Graduate Studies in Communication Sciences and Disorders	1
CSD 721	Seminar: Childhood Apraxia of Speech	1
CSD 725	Counseling in Communication Disorders	2
CSD 726	Organic Voice and Speech Disorders	3
CSD 729	Augmentative and Alternative Communication and Assistive Technology for Speech-Language Pathologists	3
CSD 731	Seminar: Child/Adolescent Language Intervention	3
CSD 737	Dysphagia	3
CSD 748	Motor Speech Disorders	3
CSD 749	Birth to 21 Methods in Communication Disorders	4
CSD 750	Rehabilitation Methods in Communication Disorders	2
CSD 752	Developmental Stuttering and Other Fluency Disorders	3
CSD 754	Acquired Cognitive-Communicative Disorders	3
CSD 774	Pediatric Dysphagia	1

Clinical Practicum**Select four credits from the following:** **4**

CSD 769	Graduate Clinical Practicum
CSD 770	Clinical Practicum in Communication Disorders II
CSD 771	Clinical Practicum in Communication Disorders III

Externships ¹**Select two externships (10 credits combined), which may be located in schools and/or rehabilitation settings:** **10**

CSD 780	Externship in Communication Disorders-Educational Settings
CSD 781	Externship in Communication Sciences and Disorders---Non-School Setting

Electives

CSD 799	Thesis
CSD 521	Aural Rehabilitation
CSD 526	Voice and Resonance Disorders
CSD 558	Articulation and Phonological Disorders
CSD 578	Introduction to Sign Language
CSD 610	Communication Changes and Disorders of the Older Adult
CSD 611	Facilitating Communication in Preschool Children
CSD 640	Neurological Aspects of Communication & Cognition
CSD 685	Serving Diverse Populations

CSD 695	Directed Studies
CSD 793	Seminar: Selected Topics
CSD 797	Independent Study

¹ Prior to the externship, the student must complete the methods course for that setting (CSD 749 and/or CSD 750).

In total, there are 14 required clinical practicum credits in the graduate program, including externships and practicum enrollments. Typical program duration encompasses four semesters and the summer session midway through the program. Students must enroll in a full-time schedule, unless special permission is granted by the Communication Sciences and Disorders graduate faculty to work toward the degree on a part-time basis. Students may elect either a thesis or non-thesis option. The thesis option is available as elective credits. All students must successfully complete an oral comprehensive examination prior to graduation. Thesis students will complete an oral examination of their thesis.

Computer Science

Phillips 130

715-836-2526

Department Website (<https://www.uwec.edu/academics/college-arts-sciences/departments-programs/computer-science/>)

The Computer Science Department offers graduate-level course work but no graduate degree programs.

Graduate Faculty

Benjamin Fine, Ph.D.

Rahul Gomes, Ph.D.

Rakib Islam, Ph.D.

Naeem Seliya, Ph.D.

Jack S. E. Tan, Ph.D.

Mounika Vanamala, Ph.D.

No graduate degree programs offered.

Economics

Schneider 476

715-836-5743

Department Website (<https://www.uwec.edu/academics/college-arts-sciences/departments-programs/economics/>)

The Economics Department offers graduate-level course work but no graduate degree programs.

Graduate Faculty

Wayne Carroll, Ph.D.

Maria DaCosta, Ph.D.

Eric M. Jamelske, Ph.D.

Thomas A. Kemp, Ph.D.

Yan Li, Ph.D.

No graduate degree programs offered.

Education for Equity and Justice

Centennial Hall 3215

(715) 836-2013

Department Website (<https://www.uwec.edu/academics/college-education-human-sciences/departments-programs/education-equity-justice/>)

The Department of Education for Equity and Justice 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. The department offers a Master of Education - Professional Development (MEPD) degree. The program gives participants a variety of opportunities to enhance their professional competencies in the areas of curriculum development and design; instructional strategies and technology; assessment and data-based decision making; leadership development; equity, diversity, and inclusivity; and research design and development.

Graduate Faculty

Beth Crotty, Ph.D.

Sue Fondrie Ph.D. (Chair)

Emily Freeman, Ph.D.

Patricia A. Kleine, Ed.D.

Carol Koroghlanian, Ph.D.

Jill Prushiek, Ph.D.

Susan Tily, Ph.D.

Kyle Whipple, Ph.D.

Anjela Wong, Ph.D.

Graduate Programs

- Professional Development - Master of Education - Professional Development

Professional Development - Master of Education - Professional Development

(Code 949-807)

The program helps teachers and people in related disciplines in development of professional competencies in the areas of curriculum development and design, instructional strategies and technology, assessment strategies and data-based decision making, leadership development, equity, diversity, and inclusivity, and research design and development. Opportunity also is provided to strengthen competencies in a teaching content specialty.

In addition to meeting the general requirements for admission to the graduate school, applicants to the program must provide:

1. documented commitment to teaching or education-related profession (teaching certification, statement from supervisor, or equivalent);
2. a minimum of two years teaching experience or equivalent prior to being accepted to program;
3. a résumé of career-related experiences;
4. a statement of professional aspirations and related needs; and
5. a proposed program of study, including a statement of purposes or goals reflecting needs and courses planned to achieve the purposes.

The program is offered by the Department of Education for Equity and Justice with assistance from other departments offering graduate study. Participants are assigned an advisor and a committee of at least two other graduate faculty members to assist in planning and carrying out the program of study. The purpose of the advising procedure is to devise a professional development

program that aligns with the individual's particular aspirations and professional goals.

Requirements of the program include ES 788. The remainder of the 30 required minimum credits are to be selected from courses in the College of Education and Human Sciences and departments in other colleges offering supportive graduate courses, with a maximum of 12 credits in one teaching content specialty and a maximum of nine credits in Independent Study. At least one-half of the credits in the program must be in graduate only courses (700-level courses). Alternatives of research paper, thesis, or equivalent credits in courses are available. The final project for all candidates is a choice of one of the following options:

1. a standard written comprehensive examination,
2. a take-home written comprehensive examination,
3. a portfolio, or
4. a scholarly paper/research paper or thesis.

For all candidates, an oral examination must be successfully passed prior to graduation.

English

Centennial Hall 4102

715-836-2639

Department Website (<https://www.uwec.edu/academics/college-arts-sciences/departments-programs/english/>)

The English Department offers graduate-level course work but no graduate degree programs.

Graduate Faculty

José Alvergue, Ph.D.

Erica Benson, Ph.D.

Dorothy Chan, Ph.D.

Stephanie Farrar, Ph.D.

Heather Fielding, Ph.D.

Karly Grice, Ph.D.

B.J. Hollars, M.F.A.

David Jones, Ph.D.

Theresa D. Kemp, Ph.D.

Allyson Loomis, M.F.A.

Carmen Manning, Ph.D.

Sarita Mizin, Ph.D.

Robert Nowlan, Ph.D.

Joel Pace, Ph.D.

Molly Patterson, M.F.A.

Cathy Rex, Ph.D.

Jonathan Rylander, Ph.D.

Asha Sen, Ph.D.

Matthew Seymour, Ph.D.

David Shih, Ph.D.

Kaia Simon, Ph.D.

Jan Stirm, Ph.D. (Chair)

Stacy Thompson, Ph.D.

Stephanie Turner, Ph.D.

Quentin Vieregge, Ph.D.

Blake Westerlund, Ph.D.

Lynsey Wolter, Ph.D.

No graduate degree programs offered.

Geography and Anthropology

Phillips 257

715-836-3244

Department Website (<https://www.uwec.edu/academics/college-arts-sciences/departments-programs/geography-anthropology/>)

The Geography and Anthropology Department offers graduate-level course work but no graduate degree programs.

Graduate Faculty

Ari Anand, Ph.D.

Douglas Faulkner, Ph.D.

Matt Haffner, Ph.D.

Gloria Howerton, Ph.D.

Harry Jol, Ph.D.

Paul Kaldjian, Ph.D.

Ryan D. Weichelt, Ph.D.

Cyril Wilson, Ph.D.

Ezra Zeitler, Ph.D. (Chair)

No graduate degree programs offered.

Geology

Phillips 157

715-836-3732

Department Website (<https://www.uwec.edu/academics/college-arts-sciences/departments-programs/geology/>)

The Geology Department offers graduate-level course work but no graduate degree programs.

Graduate Faculty

Scott K. Clark, Ph.D. (Chair)

Robert L. Hooper, Ph.D.

Phillip D. Ihinger, Ph.D.

Robert W.D. Lodge, Ph.D.

J. Brian Mahoney, Ph.D.

Kent M. Syverson, Ph.D.

Sarah A. Vitale, Ph.D.

No graduate degree programs offered.

History

Hibbard 701

715-836-5501

Department Website (<https://www.uwec.edu/academics/college-arts-sciences/departments-programs/history/>)

The History Department offers the Master of Arts in History, Master of Arts in Public History, multiple graduate certificates, and graduate-level course work.

Qualifications for Admission to Degree Programs in History

1. Applicants must hold a bachelor's degree with a minimum of 24 semester credits of undergraduate history. The department strongly recommends at least 30 semester credits.
2. A GPA of 3.00, or 3.15 in the second half of all undergraduate work and a 3.30 in the history concentration.

3. A letter of intent from prospective student, in which the student explains their academic and career goals and expectations.
4. Three letters of recommendation by professors who are familiar with the applicant's past work and potential to do graduate work. These letters may also be used for applying for graduate assistantships and fellowships.
5. Completion of an undergraduate research seminar involving the writing of a major research paper (minimum 10 pages preferred), a copy of which should accompany the application, together with a letter from the supervising professor. This letter may be counted as one of the three letters of recommendation. (A student meeting the above criteria, but not this one, may be admitted conditionally.)

Further Notes to Applying Students

1. It is strongly recommended that a student have completed two years of foreign language study at the college level or its equivalent. It is further recommended that the language be related to the intended area of concentration.
2. The department may consider admission of a student whose GPA and/or other qualifications do not meet all those specified above where there is convincing evidence that he or she is capable of performing satisfactory graduate work in the department. Admission under these circumstances is conditional. Completion of nine hours of graduate work with a grade of B or above in each course and removal of all deficiencies will lead to full standing.

Graduate Faculty

Selika M. Ducksworth-Lawton, Ph.D.

Cheryl Jiménez Frei, Ph.D.

John Mann, Ph.D. (Program Director)

Louisa Rice, Ph.D.

Teresa Sanislo, Ph.D.

Reiko Shinno, Ph.D.

Andrew Sturtevant, Ph.D.

Patricia R. Turner, Ph.D.

Matthew Waters, Ph.D.

Graduate Programs

- History - Master of Arts
- History, Public History - Master of Arts

Graduate Certificates

- African American History
- Asian History
- European History
- Global History
- Historical Research and Writing
- Latin American History
- Military History
- Native American History
- Public History
- Race and Ethnic History
- United States History
- Women, Family, and Gender History

African American History - Graduate Certificate

(Code 380-614)

Graduate Certificates Program in History

The Graduate Certificates Program in History is for individuals who would like to expand their competence and knowledge in a particular area of history. The program is designed to offer flexibility based upon the specific needs or interests of students. Graduate certificates emphasize specialization and depth of knowledge in a specific area of interest.

The program is available to those admitted as special students and graduate students admitted to the MA Program in History who may choose to pursue certificates within the MA program. Special students seeking admission to the MA Program should apply before nine credits have been completed in the Graduate Certificates Program.

Requirements for Admission to the Graduate Certificates Program in History

1. A bachelor's degree from an accredited college or university, including a minimum of nine hours in history at the college level.
2. An overall GPA of 3.00, or 3.15 in the second half of all undergraduate work.
3. A letter of intent from the prospective student, in which the student explains his or her goals and expectations, as well as the area of history in which the student wishes to concentrate.

Requirements for Graduate Certificates

To complete a graduate certificate, students must earn a minimum of 15 credits in an area of expertise including six credits in courses open only to graduate students (700-level courses). Students may include a total of three credits from HIST 797 and up to three transfer credits in a certificate program. Three graduate credits are permitted from disciplines outside the Department of History with the approval of the history graduate director. All students must maintain a GPA of 3.00 or higher in every course and have a minimum 3.00 GPA upon completion of the certificate.

Asian History - Graduate Certificate

(Code 380-615)

Graduate Certificates Program in History

The Graduate Certificates Program in History is for individuals who would like to expand their competence and knowledge in a particular area of history. The program is designed to offer flexibility based upon the specific needs or interests of students. Graduate certificates emphasize specialization and depth of knowledge in a specific area of interest.

The program is available to those admitted as special students and graduate students admitted to the MA Program in History who may choose to pursue certificates within the MA program. Special students seeking admission to the MA Program should apply before nine credits have been completed in the Graduate Certificates Program.

Requirements for Admission to the Graduate Certificates Program in History

1. A bachelor's degree from an accredited college or university, including a minimum of nine hours in history at the college level.
2. An overall GPA of 3.00, or 3.15 in the second half of all undergraduate work.
3. A letter of intent from the prospective student, in which the student explains his or her goals and expectations, as well as the area of history in which the student wishes to concentrate.

Requirements for Graduate Certificates

To complete a graduate certificate, students must earn a minimum of 15 credits in an area of expertise including six credits in courses open only to graduate students (700-level courses). Students may include a total of three credits from HIST 797 and up to three transfer credits in a certificate program. Three graduate credits are permitted from disciplines outside the Department of History with the approval of the history graduate director. All students must maintain a GPA of 3.00 or higher in every course and have a minimum 3.00 GPA upon completion of the certificate.

European History - Graduate Certificate

(Code 380-616)

Graduate Certificates Program in History

The Graduate Certificates Program in History is for individuals who would like to expand their competence and knowledge in a particular area of history. The program is designed to offer flexibility based upon the specific needs or interests of students. Graduate certificates emphasize specialization and depth of knowledge in a specific area of interest.

The program is available to those admitted as special students and graduate students admitted to the MA Program in History who may choose to pursue certificates within the MA program. Special students seeking admission to the MA Program should apply before nine credits have been completed in the Graduate Certificates Program.

Requirements for Admission to the Graduate Certificates Program in History

1. A bachelor's degree from an accredited college or university, including a minimum of nine hours in history at the college level.
2. An overall GPA of 3.00, or 3.15 in the second half of all undergraduate work.
3. A letter of intent from the prospective student, in which the student explains his or her goals and expectations, as well as the area of history in which the student wishes to concentrate.

Requirements for Graduate Certificates

To complete a graduate certificate, students must earn a minimum of 15 credits in an area of expertise including six credits in courses open only to graduate students (700-level courses). Students may include a total of three credits from HIST 797 and up to three transfer credits in a certificate program. Three graduate credits are permitted from disciplines outside the Department of History with the approval of the history graduate director. All students must maintain a GPA of 3.00 or higher in every course and have a minimum 3.00 GPA upon completion of the certificate.

Global History - Graduate Certificate

(Code 380-617)

Graduate Certificates Program in History

The Graduate Certificates Program in History is for individuals who would like to expand their competence and knowledge in a particular area of history. The program is designed to offer flexibility based upon the specific needs or interests of students. Graduate certificates emphasize specialization and depth of knowledge in a specific area of interest.

The program is available to those admitted as special students and graduate students admitted to the MA Program in History who may choose to pursue certificates within the MA program. Special students seeking admission to the MA Program should apply before nine credits have been completed in the Graduate Certificates Program.

Requirements for Admission to the Graduate Certificates Program in History

1. A bachelor's degree from an accredited college or university, including a minimum of nine hours in history at the college level.
2. An overall GPA of 3.00, or 3.15 in the second half of all undergraduate work.
3. A letter of intent from the prospective student, in which the student explains his or her goals and expectations, as well as the area of history in which the student wishes to concentrate.

Requirements for Graduate Certificates

To complete a graduate certificate, students must earn a minimum of 15 credits in an area of expertise including six credits in courses open only to graduate students (700-level courses). Students may include a total of three credits from HIST 797 and up to three transfer credits in a certificate program. Three graduate credits are permitted from disciplines outside the Department of History with the approval of the history graduate director. All students must maintain a GPA of 3.00 or higher in every course and have a minimum 3.00 GPA upon completion of the certificate.

Historical Research and Writing - Graduate Certificate

(Code 380-618)

Graduate Certificates Program in History

The Graduate Certificates Program in History is for individuals who would like to expand their competence and knowledge in a particular area of history. The program is designed to offer flexibility based upon the specific needs or interests of students. Graduate certificates emphasize specialization and depth of knowledge in a specific area of interest.

The program is available to those admitted as special students and graduate students admitted to the MA Program in History who may choose to pursue certificates within the MA program. Special students seeking admission to the MA Program should apply before nine credits have been completed in the Graduate Certificates Program.

Requirements for Admission to the Graduate Certificates Program in History

1. A bachelor's degree from an accredited college or university, including a minimum of nine hours in history at the college level.
2. An overall GPA of 3.00, or 3.15 in the second half of all undergraduate work.
3. A letter of intent from the prospective student, in which the student explains his or her goals and expectations, as well as the area of history in which the student wishes to concentrate.

Requirements for Graduate Certificates

To complete a graduate certificate, students must earn a minimum of 15 credits in an area of expertise including six credits in courses open only to graduate students (700-level courses). Students may include a total of three credits from HIST 797 and up to three transfer credits in a certificate program. Three graduate credits are permitted from disciplines outside the Department of History with the approval of the history graduate director. All students must maintain a GPA of 3.00 or higher in every course and have a minimum 3.00 GPA upon completion of the certificate.

History - Master of Arts

(Code 380-804)

The Master of Arts-History is intended for those who wish to increase their backgrounds in history and for those students who intend to do further advanced work in history. Graduate students who complete the program are expected to broaden and deepen their knowledge and understanding of history and techniques of historical research to ensure a sound, factual knowledge and a grasp of pertinent historical literature in the fields in which they study, to appreciate the historical method of searching for truth, and to recognize the complex nature of historical developments.

Degree requirements have been arranged and a counseling system devised with the intention of providing each student a program encompassing both breadth and depth.

Code	Title	Credits
Students must earn one of the following options:		30-33
Option 1: Thesis		
A minimum of 30 graduate credits in history, which requires a minimum/maximum of 6 credits of HIST 799. HIST 795 and HIST 796 do not count toward this option.		
HIST 719	Readings in Area of Thesis	3
HIST 793	Current Trends in History	3
HIST 799	Thesis	6
Option 2: Non-thesis		
A minimum of 33 graduate credits in history with no thesis required. Maximum 3 credits of HIST 795 may apply toward this option. HIST 796 and HIST 799 do not count toward this option.		
HIST 793	Current Trends in History	3

NOTES:

1. At least 18 credits must be taken in courses open only to graduate students (700-level).
2. Up to nine credits may be from disciplines outside of history with the approval of the advisor.
3. All students must attain a GPA of 3.00 or higher.

Areas of Expertise and Exams: Graduate students prepare themselves in an area of expertise designed to meet their needs and interests. Areas of expertise may be defined by broad themes, topics, chronology, or geography. A required written comprehensive exam will be based upon substantial knowledge of the student's area of expertise based upon research, course work, and bibliographies created in consultation with faculty. During their final semester all students are also required to take an oral exam related to their area of expertise. Non-thesis students' oral exam will be based upon their course work and written comprehensive exam. For students completing a thesis, the oral exam will be related to their research. The oral exam committee includes the graduate coordinator, one or two additional history graduate faculty, and one graduate faculty from outside the Department of History.

History, Public History - Master of Arts

(Code 380-808)

Public History prepares students for a wide range of career options by familiarizing them with museum work, historic preservation, archives, and other public history subfields, and by providing hands-on experience through internships and other opportunities. The Wisconsin Historical Society's Division of Public History and Historic Preservation opened its Northern Field Services Office in the History Department in 2006. The Field Services program provides programming and assistance to history and preservation organizations state-wide and collaborates with the Public History program to coordinate internships and other opportunities in public history. The Public History program also works closely with the UWEC Special Collections and Archives, which regularly hosts interns. The Archives is home to one of a network of 14 Area Research Centers (ARCs) which the Wisconsin Historical Society and UW System administer cooperatively, providing students access to the resources of the Society as well as the other 13 ARCs.

Program Requirements

To complete the Public History Program students must fulfill the following requirements:

Code	Title	Credits
Required courses		
HIST 586	Introduction to Public History	3
HIST 686	Seminar in Public History	3
HIST 790	Internship in Public History	3
HIST 793	Current Trends in History	3
Select a minimum of 6 graduate credits from the following:		6
HIST 701	Readings in European History	
HIST 703	Readings in World History	
HIST 711	Readings in U.S. History	
Students may choose from the following culminating experiences:		
Option 1: Thesis		
A minimum of 30 graduate credits in history which requires a minimum/maximum of 6 credits of HIST 799. HIST 795 and HIST 796 do not count toward this option.		
HIST 719	Readings in Area of Thesis	3
HIST 799	Thesis	6
Option 2: Thesis + Practicum		

A minimum of 30 graduate credits in history which requires a minimum/maximum of 3 credits of HIST 796 and a minimum/maximum of 3 credits of HIST 799. HIST 795 does not count toward this option.

HIST 719	Readings in Area of Thesis	3
HIST 796	Public History Thesis Practicum ¹	3
HIST 799	Thesis	3

Option 3: Non-thesis

A minimum of 33 graduate credits in history with no thesis. Maximum 3 credits of HIST 795 may apply toward this option. HIST 796 and HIST 799 do not count toward this option.

- ¹ The practicum requires students to share their thesis research with a public audience in cooperation with a community partner.

NOTES:

- At least 18 credits must be taken in courses open only to graduate students (700-level).
- Up to nine credits may be from disciplines outside of history with the approval of the advisor.
- All students must attain a GPA of 3.0 or higher.

Areas of Expertise and Exams: Graduate students prepare themselves in an area of expertise designed to meet their needs and interests. Areas of expertise may be defined by broad themes, topics, chronology, or geography. A required written comprehensive exam will be based upon substantial knowledge of the student's area of expertise based upon research, course work, and bibliographies created in consultation with faculty. During their final semester all students are also required to take an oral exam related to their area of expertise. Non-thesis students' oral exam will be based upon their course work and written comprehensive exam. For students completing a thesis, the oral exam will be related to their research. The oral exam committee includes the graduate coordinator, one or two additional history graduate faculty, and one graduate faculty from outside the Department of History.

Latin American History - Graduate Certificate

(Code 380-619)

Graduate Certificates Program in History

The Graduate Certificates Program in History is for individuals who would like to expand their competence and knowledge in a particular area of history. The program is designed to offer flexibility based upon the specific needs or interests of students. Graduate certificates emphasize specialization and depth of knowledge in a specific area of interest.

The program is available to those admitted as special students and graduate students admitted to the MA Program in History who may choose to pursue certificates within the MA program. Special students seeking admission to the MA Program should apply before nine credits have been completed in the Graduate Certificates Program.

Requirements for Admission to the Graduate Certificates Program in History

- A bachelor's degree from an accredited college or university, including a minimum of nine hours in history at the college level.

2. An overall GPA of 3.00, or 3.15 in the second half of all undergraduate work.
3. A letter of intent from the prospective student, in which the student explains his or her goals and expectations, as well as the area of history in which the student wishes to concentrate.

Requirements for Graduate Certificates

To complete a graduate certificate, students must earn a minimum of 15 credits in an area of expertise including six credits in courses open only to graduate students (700-level courses). Students may include a total of three credits from HIST 797 and up to three transfer credits in a certificate program. Three graduate credits are permitted from disciplines outside the Department of History with the approval of the history graduate director. All students must maintain a GPA of 3.00 or higher in every course and have a minimum 3.00 GPA upon completion of the certificate.

Military History - Graduate Certificate

(Code 380-621)

Graduate Certificates Program in History

The Graduate Certificates Program in History is for individuals who would like to expand their competence and knowledge in a particular area of history. The program is designed to offer flexibility based upon the specific needs or interests of students. Graduate certificates emphasize specialization and depth of knowledge in a specific area of interest.

The program is available to those admitted as special students and graduate students admitted to the MA Program in History who may choose to pursue certificates within the MA program. Special students seeking admission to the MA Program should apply before nine credits have been completed in the Graduate Certificates Program.

Requirements for Admission to the Graduate Certificates Program in History

1. A bachelor's degree from an accredited college or university, including a minimum of nine hours in history at the college level.
2. An overall GPA of 3.00, or 3.15 in the second half of all undergraduate work.
3. A letter of intent from the prospective student, in which the student explains his or her goals and expectations, as well as the area of history in which the student wishes to concentrate.

Requirements for Graduate Certificates

To complete a graduate certificate, students must earn a minimum of 15 credits in an area of expertise including six credits in courses open only to graduate students (700-level courses). Students may include a total of three credits from HIST 797 and up to three transfer credits in a certificate program. Three graduate credits are permitted from disciplines outside the Department of History with the approval of the history graduate director. All students must maintain a GPA of 3.00 or higher in every course and have a minimum 3.00 GPA upon completion of the certificate.

Native American History - Graduate Certificate

(Code 380-622)

Graduate Certificates Program in History

The Graduate Certificates Program in History is for individuals who would like to expand their competence and knowledge in a particular area of history. The program is designed to offer flexibility based upon the specific needs or interests of students. Graduate certificates emphasize specialization and depth of knowledge in a specific area of interest.

The program is available to those admitted as special students and graduate students admitted to the MA Program in History who may choose to pursue certificates within the MA program. Special students seeking admission to the MA Program should apply before nine credits have been completed in the Graduate Certificates Program.

Requirements for Admission to the Graduate Certificates Program in History

1. A bachelor's degree from an accredited college or university, including a minimum of nine hours in history at the college level.
2. An overall GPA of 3.00, or 3.15 in the second half of all undergraduate work.
3. A letter of intent from the prospective student, in which the student explains his or her goals and expectations, as well as the area of history in which the student wishes to concentrate.

Requirements for Graduate Certificates

To complete a graduate certificate, students must earn a minimum of 15 credits in an area of expertise including six credits in courses open only to graduate students (700-level courses). Students may include a total of three credits from HIST 797 and up to three transfer credits in a certificate program. Three graduate credits are permitted from disciplines outside the Department of History with the approval of the history graduate director. All students must maintain a GPA of 3.00 or higher in every course and have a minimum 3.00 GPA upon completion of the certificate.

Public History - Graduate Certificate

(Code 380-623)

Those enrolled in the MA-History: Public History degree program (Code 380-808) are not candidates for the Public History Certificate.

Graduate Certificates Program in History

The Graduate Certificates Program in History is for individuals who would like to expand their competence and knowledge in a particular area of history. The program is designed to offer flexibility based upon the specific needs or interests of students. Graduate certificates emphasize specialization and depth of knowledge in a specific area of interest.

The program is available to those admitted as special students and graduate students admitted to the MA Program in History who may choose to pursue certificates within the MA program. Special students seeking admission to the MA Program should apply before nine credits have been completed in the Graduate Certificates Program.

Requirements for Admission to the Graduate Certificates Program in History

1. A bachelor's degree from an accredited college or university, including a minimum of nine hours in history at the college level.

2. An overall GPA of 3.00, or 3.15 in the second half of all undergraduate work.
3. A letter of intent from the prospective student, in which the student explains his or her goals and expectations, as well as the area of history in which the student wishes to concentrate.

Requirements for Graduate Certificates

To complete a graduate certificate, students must earn a minimum of 15 credits in an area of expertise including six credits in courses open only to graduate students (700-level courses). Students may include a total of three credits from HIST 797 and up to three transfer credits in a certificate program. Three graduate credits are permitted from disciplines outside the Department of History with the approval of the history graduate director. All students must maintain a GPA of 3.00 or higher in every course and have a minimum 3.00 GPA upon completion of the certificate.

Race and Ethnic History - Graduate Certificate

(Code 380-624)

Graduate Certificates Program in History

The Graduate Certificates Program in History is for individuals who would like to expand their competence and knowledge in a particular area of history. The program is designed to offer flexibility based upon the specific needs or interests of students. Graduate certificates emphasize specialization and depth of knowledge in a specific area of interest.

The program is available to those admitted as special students and graduate students admitted to the MA Program in History who may choose to pursue certificates within the MA program. Special students seeking admission to the MA Program should apply before nine credits have been completed in the Graduate Certificates Program.

Requirements for Admission to the Graduate Certificates Program in History

1. A bachelor's degree from an accredited college or university, including a minimum of nine hours in history at the college level.
2. An overall GPA of 3.00, or 3.15 in the second half of all undergraduate work.
3. A letter of intent from the prospective student, in which the student explains his or her goals and expectations, as well as the area of history in which the student wishes to concentrate.

Requirements for Graduate Certificates

To complete a graduate certificate, students must earn a minimum of 15 credits in an area of expertise including six credits in courses open only to graduate students (700-level courses). Students may include a total of three credits from HIST 797 and up to three transfer credits in a certificate program. Three graduate credits are permitted from disciplines outside the Department of History with the approval of the history graduate director. All students must maintain a GPA of 3.00 or higher in every course and have a minimum 3.00 GPA upon completion of the certificate.

United States History - Graduate Certificate

(Code 380-625)

Graduate Certificates Program in History

The Graduate Certificates Program in History is for individuals who would like to expand their competence and knowledge in a particular area of history. The program is designed to offer flexibility based upon the specific needs or interests of students. Graduate certificates emphasize specialization and depth of knowledge in a specific area of interest.

The program is available to those admitted as special students and graduate students admitted to the MA Program in History who may choose to pursue certificates within the MA program. Special students seeking admission to the MA Program should apply before nine credits have been completed in the Graduate Certificates Program.

Requirements for Admission to the Graduate Certificates Program in History

1. A bachelor's degree from an accredited college or university, including a minimum of nine hours in history at the college level.
2. An overall GPA of 3.00, or 3.15 in the second half of all undergraduate work.
3. A letter of intent from the prospective student, in which the student explains his or her goals and expectations, as well as the area of history in which the student wishes to concentrate.

Requirements for Graduate Certificates

To complete a graduate certificate, students must earn a minimum of 15 credits in an area of expertise including six credits in courses open only to graduate students (700-level courses). Students may include a total of three credits from HIST 797 and up to three transfer credits in a certificate program. Three graduate credits are permitted from disciplines outside the Department of History with the approval of the history graduate director. All students must maintain a GPA of 3.00 or higher in every course and have a minimum 3.00 GPA upon completion of the certificate.

Women, Family, and Gender History - Graduate Certificate

(Code 380-626)

Graduate Certificates Program in History

The Graduate Certificates Program in History is for individuals who would like to expand their competence and knowledge in a particular area of history. The program is designed to offer flexibility based upon the specific needs or interests of students. Graduate certificates emphasize specialization and depth of knowledge in a specific area of interest.

The program is available to those admitted as special students and graduate students admitted to the MA Program in History who may choose to pursue certificates within the MA program. Special students seeking admission to the MA Program should apply before nine credits have been completed in the Graduate Certificates Program.

Requirements for Admission to the Graduate Certificates Program in History

1. A bachelor's degree from an accredited college or university, including a minimum of nine hours in history at the college level.
2. An overall GPA of 3.00, or 3.15 in the second half of all undergraduate work.

3. A letter of intent from the prospective student, in which the student explains his or her goals and expectations, as well as the area of history in which the student wishes to concentrate.

Requirements for Graduate Certificates

To complete a graduate certificate, students must earn a minimum of 15 credits in an area of expertise including six credits in courses open only to graduate students (700-level courses). Students may include a total of three credits from HIST 797 and up to three transfer credits in a certificate program. Three graduate credits are permitted from disciplines outside the Department of History with the approval of the history graduate director. All students must maintain a GPA of 3.00 or higher in every course and have a minimum 3.00 GPA upon completion of the certificate.

International Education

Schofield 3

715-836-4411

www.uwec.edu/cie/studyabroad (<http://www.uwec.edu/cie/studyabroad/>)
studyabroad@uwec.edu

No graduate degree programs offered.

Kinesiology

McPhee 219

715-836-3700

Department Website (<https://www.uwec.edu/academics/college-education-human-sciences/departments-programs/kinesiology/>)

The mission of the Department of Kinesiology 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.

The Department of Kinesiology offers a Master of Science in Athletic Training program.

Graduate Faculty

Nicholas Beltz, Ph.D.

Saori Braun, Ph.D.

Corey Hannah, Ed.D. (Program Director, MSAT)

Jeffrey M. Janot, Ph.D. (Chair)

Marquell J. Johnson, Ph.D.

Yoonsin Oh, Ph.D.

Tara Putnam, Ph.D.

Robert C. Stow, Ph.D.

Matthew S. Wiggins, Ed.D.

Athletic Training - Master of Science

Athletic Training - Master of Science

(Code 995-801)

Athletic Training-Master of Science

INTRODUCTION

To be considered for admission, an applicant must meet the following minimal criteria:

1. an overall gpa of 3.0 at application with a BS/BA degree from a regionally accredited university completed prior to matriculating into the program; and
2. the following courses must be completed with a letter grade of C or better earned and documented on official transcripts prior to matriculating into the program:
 - a. Two semesters of: Anatomy and Physiology w/lab
 - b. One semester of: General Chemistry w/lab
 - c. One semester of: General Psychology
 - d. One semester of: General Physics
 - e. One semester of: Biomechanics
 - f. One semester of: Exercise Physiology
 - g. One semester of: Statistics; and
3. Three (3) letters of recommendation - at least one letter must be from an instructor/professor. The letter must testify to integrity (i.e. professionalism, communication skills, work ethic) of the student; and
4. International students must meet the English Language Test score requirements as listed on the Admissions-Graduate Student web page (<https://www.uwec.edu/admissions/graduate/>) -- See International Graduate Application Process; and
5. Documentation of a minimum of 50 hours of observation completed under the direct supervision of a BOC certified and appropriately state licensed athletic trainer in a health care setting. 50 hours must be completed within one calendar year of application.

Application does not constitute acceptance into the program nor is acceptance guaranteed simply upon satisfactory completion of requirements. Admission requirements are weighted. Weighted criteria include overall GPA (35%), Anatomy/Physiology Grades (15%), GPA from Prerequisites (20%), evaluation of letter of recommendation (15%), and interview scores (15%). Exceptions to the requirements can be made on recommendation by the M.S. in Athletic Training Application Committee.

Admission Acceptance/Denial into the M.S. in Athletic Training: The M.S. in Athletic Training application process is a competitive process. A committee reviews completed graduate applications and selects applicants to interview. The committee will set up a time with the student to complete the interview process (video conference or in person). The committee will forward their recommendations regarding acceptance into the M.S. in Athletic Training to the Dean of Graduate Studies. All UW – Eau Claire Graduate Studies Policies will be followed accordingly.

Transfer Policy

Students who opt to transfer into this program must meet all UW - Eau Claire Graduate Studies and program requirements. The Athletic Training admissions committee will review all official transcripts to determine transfer eligibility of previous coursework.

Code	Title	Credits
Required Courses:		
Year One Pre-Clinical Phase		
KINS 700	Principles of Athletic Training	3
KINS 701	Applied Anatomy	2
KINS 710	Foundations of Clinical Practice	3
Year One Clinical Phase		
KINS 714	Pathophysiology & Emergency Medicine	3

KINS 720	Physical Assessment and Treatment of the Lower Extremity	5
KINS 721	Physical Assessment and Treatment of the Head and Spine	4
KINS 722	Physical Assessment and Treatment of the Upper Body	5
KINS 762	Psychosocial Aspects in Healthcare	1
KINS 763	Pharmacological Agents in Healthcare	1
KINS 780	Clinical Practicum I	2
KINS 781	Clinical Practicum II	2
KINS 791	Evidence Based Practice & Research I	3
Year Two Clinical Phase		
KINS 650	Applied Nutrition in Kinesiology	3
KINS 723	General Medicine & Diagnostic Modalities	4
KINS 724	Manual Therapy Techniques	3
KINS 730	Healthcare Management & Practice	3
KINS 731	Special Topics in Athletic Training	3
KINS 755	Performance Enhancement in the Physically Active	2
KINS 782	Clinical Practicum III	2
KINS 783	Clinical Practicum IV	2
KINS 788	Clinical Immersion Experience I	4
KINS 789	Clinical Immersion Experience II	4
KINS 792	Evidence Based Practice & Research II	2

NOTE: Additional program requirements can be found in the Master of Science in Athletic Training Policy and Procedures Manual.

Athletic Training-Master of Science Accelerated Program

The Master of Science in Athletic Training (MSAT) Accelerated Plan allows qualified students to start taking courses in the approved master's degree while finishing their bachelor's degree in Exercise Science. Graduate course sequencing allows undergraduate students to complete their fourth year of the Exercise Science major while completing the first-year coursework in the MSAT. This pathway allows students to apply to the Athletic Training program during their third year (junior) and complete the Master's degree in Athletic Training in five years upon matriculation to UW-Eau Claire.

A student interested in the MSAT Accelerated plan should consult with academic advisors and the Program Director in Athletic Training and declare "pre-athletic training" as their course sequencing. A student will major in Exercise Science in the Department of Kinesiology and earn credits toward their Bachelor of Science degree. Upon successful completion of the fifth year in the MSAT program, a student would graduate with a Master of Science in Athletic Training degree and be eligible for the Board of Certification (BOC) Inc. national certification examination and state licensure as an entry-level athletic trainer.

To maintain good standing in the MSAT Accelerated Plan:

- Must maintain a minimum 3.0 GPA in all graduate level coursework.
- Failure to maintain a minimum 3.0 GPA in graduate level coursework could risk discontinuation from the MSAT Accelerated Plan and/or prevent future acceptance to the MSAT degree program.

- Must earn a grade of C- or better in all graduate level coursework. A graduate course grade below C- will not be accepted to the MSAT degree program; grades below C- will need to be repeated.

The following MSAT courses will fulfill degree requirements for both the Exercise Science Major and the MSAT Program:

Exercise Science Undergraduate Course

KINS 498	Exercise Science Internship	6
Exercise Science Secondary Area		27

MSAT Course

KINS 780	Clinical Practicum I	2
KINS 781	Clinical Practicum II	2
KINS 700A	Principles of Athletic Training (summer)	3
KINS 701A	Applied Anatomy (summer)	2
KINS 710A	Foundations of Clinical Practice (summer)	3
KINS 720A	Physical Assessment and Treatment of the Lower Extremity (fall)	5
KINS 762A	Psychosocial Aspects in Healthcare (fall)	1
KINS 714A	Pathophysiology & Emergency Medicine (fall)	3
KINS 721A	Physical Assessment and Treatment of the Head and Spine (winter)	4
KINS 722A	Physical Assessment and Treatment of the Upper Body (spring)	5
KINS 763A	Pharmacological Agents in Healthcare (spring)	1

Languages

Centennial Hall 4508

715-836-4287

Department Website (<https://www.uwec.edu/academics/college-arts-sciences/departments-programs/languages/>)

The Languages Department offers graduate-level course work, but no graduate degree programs.

Graduate Faculty

Josh Brown, Ph.D.

Elena Casey, Ph.D.

Analisa DeGrave, Ph.D.

Marcela Depiante, Ph.D.

Manuel Fernández, Ph.D.

Bibiana Fuentes, Ph.D.

Anne Hlas, Ph.D.

Paul Hoff, D.A.

Tomomi Kakegawa, Ph.D.

Kaishan Kong, Ph.D.

Jessica Miller, Ph.D.

Carter Smith, Ph.D. (Chair)

José Valero, Ph.D.

Fabiola Varela-García, Ph.D.

Matthew Waters, Ph.D.

No graduate degree programs offered.

Latin American and Latinx Studies

Hibbard 384

715-836-3212

Program Website (<https://www.uwec.edu/academics/college-arts-sciences/departments-programs/latin-american-studies/>)

The Latin American and Latinx Studies Program offers graduate-level course work, but no graduate degree programs.

Graduate Faculty

Manuel Fernández, Ph.D. (Program Director)

Gerardo Licón, Ph.D.

No graduate degree programs offered.

Mathematics

Hibbard 508

715-836-3301

Department Website (<https://www.uwec.edu/academics/college-arts-sciences/departments-programs/mathematics/>)

The Mathematics Department offers the Master of Science in Data Science and Graduate Certificate in Data Science (both online) and graduate-level course work.

Graduate Faculty

Chris Ahrendt, Ph.D.

Silviana Amethyst, Ph.D.

Mohammad Aziz, Ph.D.

Allison Beemer, Ph.D.

Abra Brisbin, Ph.D. (Chair)

Christopher Davis, Ph.D.

Herschel Day, F.S.A.

Colleen Duffy, Ph.D.

Marc Goulet, Ph.D.

Jennifer Harrison, Ph.D.

Ryan Harrison, Ph.D.

Christopher Hlas, Ph.D.

Marie-Claire Koissi-Kouassi, Ph.D.

Jessica Kraker, Ph.D.

aBa Mbirika, Ph.D.

Carolyn Otto, Ph.D.

Kristopher Presler, F.S.A.

Katrina Rothrock, Ph.D.

Sam Scholze, Ph.D.

Feroz Siddique, Ph.D.

Alexander Smith, Ph.D.

Wufeng Tian, Ph.D.

Melissa Troudt, Ph.D.

Mckenzie West, Ph.D.

Vicki Whittleledge, Ph.D.

Graduate Programs

- Data Science - Master of Science
- Data Science - Graduate Certificate

Data Science - Graduate Certificate

Online (Code 181-601)

The multidisciplinary field of data science is one of the fastest growing professions and academic disciplines in the 21st century. The curriculum of this fully online, graduate certificate program is designed primarily for working adults and nontraditional students who desire to continue their education, primarily to expand their knowledge and specialized skills in this area for career advancement.

This program provides the student those fundamental data science tools required to analyze real-world datasets and to communicate effectively about data science findings. The program features a multidisciplinary curriculum that draws primarily from computer science, statistics, and communication.

Students completing the program will have expertise in data warehousing, database infrastructures, data mining, machine learning, and analytics-based decision making.

15 credits required:

Code	Title	Credits
DS 700	Foundations of Data Science	3
DS 710	Programming for Data Science	3
DS 715	Data Warehousing	3
DS 735	Communicating about Data	3
DS 740	Data Mining & Machine Learning	3

Students must successfully complete all five courses to earn the certificate. Completion of the certificate will require a GPA of 3.0.

Requirements for Admission to the Graduate Certificate in Data Science Program:

1. A bachelor's degree from a regionally accredited college or university;
2. 3.0 undergraduate GPA;
3. Program prerequisites will include coursework in elementary statistics, introductory computer programming, and introduction to databases. Relevant work experience may be considered in lieu of this coursework.

Data Science - Master of Science

Online (Code 181-801)

The multidisciplinary field of data science is one of the fastest growing professions and academic disciplines in the 21st century. The curriculum of this fully online, professional degree program focuses primarily on working adults and nontraditional students who desire to continue their education, primarily to expand their knowledge and specialized skills in this area for career advancement.

The program prepares the student to derive insights from real-world datasets—both structured and unstructured—using the latest data science tools and analytical methods, and to interpret and communicate data science findings effectively. It features a multidisciplinary curriculum that draws primarily from computer science, mathematics and statistics, management, and communication.

Graduates will leave the program with expertise in a number of specialized areas, including: data mining and warehousing, predictive analytics, statistical modeling, database infrastructures and data management, machine learning, and analytics-based decision making.

Requirements for Admission to the Master of Science in Data Science Program:

1. A bachelor's degree from a regionally accredited college or university;
2. An undergraduate course in elementary statistics;
3. Either undergraduate coursework or prior work experience providing a foundational understanding of both programming concepts and databases.

This program consists of a fixed curriculum comprising 36 online credits that include a required capstone course, which represents the culminating experience.

Code	Title	Credits
The 12 three-credit graduate courses required for the program include:		36
DS 700	Foundations of Data Science	
DS 705	Statistical Methods	
DS 710	Programming for Data Science	
DS 715	Data Warehousing	
DS 730	Big Data: High Performance Computing	
DS 735	Communicating about Data	
DS 740	Data Mining & Machine Learning	
DS 745	Visualization and Unstructured Data Analysis	
DS 760	Ethics of Data Science	
DS 775	Prescriptive Analytics	
DS 780	Data Science and Strategic Decision Making	
DS 785	Data Science Capstone	

MBA Program (MBA)

MBA Program Office

Schneider 215
715-836-6019 or toll-free 888-832-7090

Program Website (<https://www.uwec.edu/academics/majors-minors/master-of-business-administration2/>)
www.wisconsinonlinemba.org
mba@uwec.edu

Admission Requirements

To be admitted to the MBA program in **full standing**, an applicant must:

1. have a cumulative undergraduate GPA of at least 2.75 (on a 4.0 scale),
2. present a satisfactory Graduate Management Admission Test (GMAT) or equivalent Graduate Record Exam (GRE) score, or be approved for a waiver, and
3. successfully complete Algebra for Calculus (or equivalent), either through coursework or by examination.

Conditional admission may be granted to those who are currently completing a baccalaureate degree or who have not successfully completed Algebra for Calculus (or equivalent). A student with probationary or conditional status will be reclassified to full standing when all requirements have been satisfied.

A candidate for admission may apply to a specific term at any time during the year. An applicant must submit the following documents to be considered for admission.

1. a completed application form accompanied by payment of a \$56 non-refundable application fee;
2. resume and three letters of recommendation (at least two being a professional reference);
3. official transcripts (to be sent directly from each institution at which the applicant has attempted undergraduate or graduate work);
4. official notice of the applicant's score on the GMAT or GRE, or be approved for a waiver.

Satisfactory Academic Progress

Satisfactory progress is defined as the maintenance of a cumulative GPA of 3.00 or higher in the program. A student not making satisfactory progress toward the degree may be placed on probation or dismissed from the program on the recommendation of the academic director of the MBA program.

A 3.00 cumulative GPA in courses counting toward the MBA is required for graduation. A course in which a grade of C- or lower is earned will not be counted toward the 36-credit MBA minimum, but will be computed in the GPA. A maximum of six MBA credits of C or C+ work will be accepted. A student who receives a C- will need to take a replacement course.

A student earning a D+ or lower in a graduate-level course will be dismissed from the program regardless of where the course was taken. The student may petition for readmission to the program by writing to the academic director of the MBA program.

Graduation Requirement

Students need to be registered for a course in the term they are graduating.

Graduate Program Requirements

The MBA program consists of 36 graduate credits, 26 of these credits involve specific course requirements and the remaining 10 credits are MBA electives selected by the student. Students may have MBA 708 and/or MBA 709 waived by demonstrating mastery of course competencies through a program-approved process. Students will complete an additional two to four credits of electives if one or both of these courses are waived.

Code	Title	Credits
MBA 708	Essentials of Financial Analysis	2
MBA 709	Essentials of Economic and Statistical Analysis	2
MBA 700	Defining your Plan for Success: The MBA Mindset	1
MBA 701	Leading a Dynamic and Diverse Workforce	4
MBA 702	Making Informed Managerial Decisions	4
MBA 703	Developing New Products and Services	4

MBA 704	Competing Strategically in a Global Environment	4
MBA 705	Navigating Change amid Uncertainty	4
MBA 710	Refining your Plan for Success: Program Capstone	1

Select 10 credits of MBA electives.

Graduate Faculty

ACCOUNTING AND FINANCE

Yom Bui, Ph.D. Emrah Ekici, Ph.D.
 Dylan Howell, Ph.D.
 Hyoseok (David) Hwang, Ph.D.
 Ling Liu, Ph.D. (Chair)
 Bill Miller, Ed.D.
 William Ogden, D.B.A.
 Seungbin Oh, Ph.D.
 Yuxin Shan, Ph.D.
 Pedro Sottile, Ph.D.
 Xinruo (Emma) Wang, Ph.D.
 Jidong Zhang, Ph.D.

BUSINESS COMMUNICATION

Paula Lentz, Ph.D. (Program Director)
 Marcy Leasum Orwig, Ph.D.
 Nici Ploeger-Lyons, Ph.D.

INFORMATION SYSTEMS

Ali Ahmed, Ph.D.
 Ezgi Akar, Ph.D.
 Liqiang Chen, Ph.D.
 Anthony C. Keys, Ph.D. (Chair)
 Jean Pratt, Ph.D.
 Ruidong Zhang, Ph.D.

MANAGEMENT AND MARKETING

Trond Bergestuen, Ph.D.
 Lenita Davis, Ph.D.
 Longzhu Dong, Ph.D.
 Kranti Dugar, Ph.D.
 Daniel Gullifor, Ph.D.
 Nancy Hanson-Rasmussen, Ed.D.
 Frances Hawes, Ph.D.
 Jennifer Johs-Artisensi, Ph.D.
 Dongeun Kim, Ph.D.
 Kate Kim, Ph.D.
 Kristy Lauver, Ph.D. (Chair)
 Scott Lester, Ph.D.
 Abraham Nahm, Ph.D.
 Douglas Olson, Ph.D.
 Brent Opall, Ph.D.
 Scott Swanson, Ph.D.
 Timothy Vaughan, Ph.D.
 Rebecca Wyland, Ph.D.
 Xiaoyu (Shawn) Yang, Ph.D.

Graduate Program

- Business Administration, UW MBA Consortium Online

Business Administration, UW MBA Consortium Online - Master of Business Administration (Code 740-801)

Graduate Program Requirements

The MBA program consists of 36 graduate credits, 26 of these credits involve specific course requirements and the remaining 10 credits are MBA electives selected by the student. Students may have MBA 708 and/or MBA 709 waived by demonstrating mastery of course competencies through a program-approved process. Students will complete an additional two to four credits of electives if one or both of these courses are waived.

Code	Title	Credits
MBA 708	Essentials of Financial Analysis	2
MBA 709	Essentials of Economic and Statistical Analysis	2
MBA 700	Defining your Plan for Success: The MBA Mindset	1
MBA 701	Leading a Dynamic and Diverse Workforce	4
MBA 702	Making Informed Managerial Decisions	4
MBA 703	Developing New Products and Services	4
MBA 704	Competing Strategically in a Global Environment	4
MBA 705	Navigating Change amid Uncertainty	4
MBA 710	Refining your Plan for Success: Program Capstone	1

Select 10 credits of MBA electives.

Music and Theatre Arts

Haas Fine Arts 156

715-836-4954

Department Website (<https://www.uwec.edu/academics/college-arts-sciences/departments-programs/music-theatre-arts/>)

The Music and Theatre Arts Department offers graduate-level course work, but no graduate degree programs.

Graduate Faculty

Music:

Robert Baca, M.M.
 Jeffery Crowell, D.M.A.
 Randal C. Dickerson, Ed. D.
 Laura L. Dunbar, Ph.D.
 Christa Garvey, D.M.A.
 Chia-Yu Hsu, Ph.D.
 Ryan Jones, Ph.D.
 Namji Kim, D.M.A.
 Christopher McGinley, D.M.A.
 Mark Mowry, D.M.
 Phillip Ostrander, D.M.A.
 Kenneth Pereira, D.M.
 Gretchen Peters, Ph.D. (Chair)
 Nicholas Phillips, D.M.A.

Alyssa Powell, D.M.A.
 Tulio Rondón, D.M.A.
 John Stewart, Ph.D.
 Frank A. Watkins, D.M.A.
 Nobuyoshi Yasuda, M.M.

Theatre Arts and Dance:
 Jennifer Chapman, Ph.D.
 Arthur R. Grothe, M.F.A.
 Erin Hisey, M.F.A.
 Amanda Profazier, M.F.A.
 James Zwicky, M.F.A.

No graduate degree programs offered.

Nursing

Dean's Office, Nursing 103
 715-836-5287
 Fax 715-836-5003

Department Website (<https://www.uwec.edu/academics/college-nursing-health-sciences/departments-programs/nursing/>)

The University of Wisconsin-Eau Claire College of Nursing and Health Sciences educates nurses at the baccalaureate, master's, and doctoral levels. At the graduate level we offer the Master of Science in Nursing (MSN) degree and the Doctor of Nursing Practice (DNP) degree. The MSN degree is designed to enable students to assume leadership roles in advanced professional nursing. Students interested in the MSN degree choose a role preparation in either nursing education or nursing administration/leadership and management. They select a population focus in adult-gerontologic or family nursing. The DNP degree is a clinical doctorate designed to prepare nurses to assume leadership roles in the areas of advanced practice nursing (nurse practitioner or clinical nurse specialist) or nursing administration/nurse executive. The DNP degree is offered as a post-baccalaureate (BSN-to-DNP) option and as a post-master's (MSN-to-DNP) option. The BSN-to-DNP option includes adult-gerontologic primary care nurse practitioner (NP), family NP, adult-gerontologic clinical nurse specialist (CNS), and nurse administrator/nurse executive (adult-gerontologic or family population focus) options. The post-master's MSN-to-DNP option includes an advanced clinical practice option (for nurse practitioners or clinical nurse specialists) or a nurse executive option. The college also offers a post-master's certification program for nurses with master's degrees in nursing who are interested in credit-bearing administration or nursing education role preparation courses. Further and current information may be obtained from the Nursing Graduate Programs Director and the College website (<https://www.uwec.edu/academics/college-nursing-health-sciences/>).

Accreditation

The nursing programs are approved by the Wisconsin State Board of Nursing. The baccalaureate degree program in nursing, master's degree program in nursing, and the Doctor of Nursing Practice program at the University of Wisconsin-Eau Claire are accredited by the Commission on Collegiate Nursing Education (CCNE), 655 K Street NW, Suite 750, Washington, DC 20001, (202) 887-6791, through December 31, 2031.

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 (<https://www.uwec.edu/academics/college-nursing-health-sciences/>) website. Additional vaccinations and testing including laboratory titers and medical follow-up may be required. 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. 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, RN licensure, and background checks are current and cleared/approved. Clinical facilities may have additional requirements, such as COVID-19 vaccinations, which must be met. Non-immune status may affect clinical placement and ability to progress or complete the program.

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 College, 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 injured while in practicum, they are personally responsible to pay for all medical bills and therefore will need personal health insurance.

Due to occupational exposure to blood or other potentially infectious materials, health care workers are at risk of acquiring Hepatitis B Virus infection and other serious infections. Students are considered to be at increased risk for needle-stick injuries. Such accidents can also be costly (e.g., student and patient testing, ER injury management, chemoprophylaxis, and potential illness care). The student, not the College, University, or clinical agency, is responsible for these expenses should an accidental exposure occur during a clinical experience.

Some clinical sites require students to show proof of health insurance; therefore, students are required to maintain health insurance for the duration of their education. Students must be able to provide proof of personal health insurance coverage if requested. Students are under a continuing obligation to notify the dean's office of the college of any lapse in personal health insurance coverage.

CPR Certification

All students must hold Cardiopulmonary Resuscitation (CPR) certification at the Basic Life Support for Healthcare Providers (American Red Cross) or Basic Life Support (BLS) Provider (American Heart Association) level. 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 must have completed background checks for all students. Consequently, 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 (<https://www.castlebranch.com/>).

CastleBranch.com (<https://www.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. More information regarding the Wisconsin Caregiver Law can be obtained from DHFS's (<https://www.dhs.wisconsin.gov/>) website. Students participating in clinicals in Minnesota may be required to complete further 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. Clinical agencies may conduct further background checks. In addition to providing student background check findings, some clinical agencies require the College to submit photo images of students for identification and safety surveillance purposes.

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 future licensure, 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 new or 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. Failure to notify the college may result in loss of good academic standing in the college and an inability to progress in the program.

Graduate Faculty

Norah Airth-Kindree, D.N.P., R.N.
 Mohammed Alasagherin, Ph.D., R.N.
 Josephine Arriola, D.N.P., R.N.
 Ann Aschenbrenner, Ph.D., R.N.
 Benjamin Bogle, D.N.P., R.N.
 Mary Canales, Ph.D., R.N.
 Theresa Dachel, D.N.P., R.N.
 Debra A. Jansen, Ph.D., R.N.
 Megan Lagunas, Ph.D., R.N.
 Der-Fa Lu, Ph.D., R.N.
 Sonja Meiers, Ph.D., R.N., F.A.A.N.
 Rachel Merkel, D.N.P., R.N.
 Dalete Mota, Ph.D., R.N.
 Jeanette Olsen, Ph.D., R.N.
 Rachel Pierce, D.N.P., R.N.
 Linda Sargent, D.N.P., R.N.
 Lisa F. Schiller, Ph.D., R.N.
 Charlotte Sortedahl, D.N.P., R.N.
 Jennifer Sperl, D.N.P., R.N.
 Angela Stombaugh, Ph.D., R.N.
 Arin Van Wormer, Ph.D., R.N.
 Linda Young, Ph.D., R.N., F.A.A.N.

Graduate Options

The University of Wisconsin-Eau Claire College of Nursing and Health Sciences educates nurses at the baccalaureate, master's, and doctoral levels. At the graduate level we offer the Master of Science in Nursing (MSN) degree and the Doctor of Nursing Practice (DNP) degree.

The **Master of Science in Nursing (MSN) degree** is designed to enable students to assume leadership roles in advanced professional nursing. Students interested in the MSN degree choose a role preparation in either nursing

education or nursing administration/leadership and management. They select a population focus in adult-gerontologic or family nursing.

- Nursing, Family Health-Education - Master of Science in Nursing
- Nursing, Adult-Gerontology-Education - Master of Science in Nursing
- Nursing, Adult-Gerontology-Administration - Master of Science in Nursing
- Nursing, Family Health-Administration - Master of Science in Nursing

The **Doctor of Nursing (DNP) degree** is a clinical doctorate designed to prepare nurses to assume leadership roles in the areas of advanced practice nursing (nurse practitioner or clinical nurse specialist) or nursing administration/nurse executive. The DNP degree is offered as a post-baccalaureate (BSN-to-DNP) option and as a post-master's (MSN-to-DNP) option. Further and current information may be obtained from the Nursing Graduate Programs Director and the College (<https://www.uwec.edu/academics/college-nursing-health-sciences/>) website.

The **BSN-to-DNP option** includes adult-gerontologic primary care nurse practitioner (NP), family NP, adult-gerontologic clinical nurse specialist (CNS), and nurse administrator/nurse executive (adult-gerontologic or family population focus) options.

- Nursing, Adult-Gerontology-Administration - Doctor of Nursing Practice
- Nursing, Adult-Gerontology-Primary Care Nurse Practitioner - Doctor of Nursing Practice
- Nursing, Adult-Gerontology-Clinical Nurse Specialist - Doctor of Nursing Practice
- Nursing, Family Health-Administration - Doctor of Nursing Practice
- Nursing, Family Health-Nurse Practitioner - Doctor of Nursing Practice

The **post-master's MSN-to-DNP option** includes an advanced clinical practice option (for nurse practitioners or clinical nurse specialists) or a nurse executive option.

- Nursing - Doctor of Nursing Practice (Post-Master's DNP)
- Nursing, Nurse Executive - Doctor of Nursing Practice (Post-Master's)

Graduate Certificates

The College of Nursing and Health Sciences offers a post-master's certification program for nurses with master's degrees in nursing who are interested in credit-bearing nursing administration or nursing education role preparation courses.

- Post-MSN Nursing Administration
- Post-MSN Nursing Education

Nursing - Doctor of Nursing Practice

(Code 700-830)

Post-master's (MSN-to-DNP) option for advanced clinical practice (for nurse practitioners or clinical nurse specialists).

Program Requirements

UW-Eau Claire 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 post-master's (MSN-to-DNP) option includes an advanced clinical practice option (for nurse practitioners or clinical nurse specialists) or a nurse executive option. The MSN-to-DNP option typically is a part-time two-and-a-half-year program that includes 31 credits of nursing courses. The plan requires students to take courses during Summer, Fall, Winterim, and Spring terms.

The post-baccalaureate (BSN-to-DNP) option includes an adult-gerontologic or family nursing population focus and a primary care nurse practitioner (NP), clinical nurse specialist, or nurse administrator/nurse executive role preparation. Students choose from the following BSN-to-DNP options:

- Adult-gerontologic primary care nurse practitioner
- Adult-gerontologic clinical nurse specialist
- Family nurse practitioner
- Nurse administrator/nurse executive (adult-gerontologic or family population focus)

The post-baccalaureate DNP program includes approximately 68 credits for administration/nurse executive students and approximately 73 credits for advanced clinical practice students (nurse practitioner, clinical nurse specialist). The courses are taken over three academic years for full-time students and four to five years for part-time students.

Program costs are higher than typical University of Wisconsin-Eau Claire graduate programs and thus the DNP courses involve additional course fees. Graduate students must earn a grade of C or above in courses and practica to successfully progress. No more than 2 C's may be earned in the graduate program. Further and current information may be obtained from the Nursing Graduate Programs Director, College of Nursing and Health Sciences and the College website (<https://www.uwec.edu/academics/college-nursing-health-sciences/>).

Criteria for admission into the DNP Post-Master's Program include (also see notes):

1. Acceptance as a graduate student in good standing in the university.
2. An undergraduate degree in nursing from a nationally accredited nursing program, with a GPA of 3.00 or higher.
3. A master's degree in nursing from a nationally accredited nursing program, with a role preparation in Advanced Practice Nursing, with a GPA of 3.00 or higher.
4. Evidence of at least 550 hours of master's-level clinical practicum (or national certification by a body approved by the Wisconsin State Board of Nursing).
5. Evidence of basic epidemiology content.
6. Evidence of graduate-level pharmacology (not required for nursing administration students).
7. Evidence of graduate-level nursing research and nursing theory.
8. Wisconsin Registered Nurse licensure. Current nursing licensure in one of the jurisdictions of the United States required at time of application.
9. Satisfactory evidence of personal qualifications and capacity for doctoral study in nursing.
10. Completed and submitted all application materials including but not limited to a DNP Demographic Form, essay, resume, university application, official transcripts from all postsecondary institutions attended, three references (forms provided) from individuals who are knowledgeable of

the applicant's clinical expertise and/or potential for graduate study, and all application fees (nonrefundable).

11. Completed health record, background check, and evidence of current CPR certification and other related requirements (needed by July 1st following admission).

NOTE 1: Examples of national accreditation for nursing programs include CCNE, NLN, and ACEN.

NOTE 2: WI RN licensure needed by July 1 following admission.

NOTE 3: Examples of role preparations in Advanced Practice Nursing include Adult (- Gerontologic) or Family Nurse Practitioner, Adult (- Gerontologic) Clinical Nurse Specialist, and Nurse Administrator.

NOTE 4: Priority admission application deadline is January 4, unless otherwise specified.

NOTE 5: Must complete and be current with health requirements, CPR certification, WI RN licensure, and background checks in order to be enrolled in courses.

Nursing - Post-Master's DNP Advanced Clinical Practice Curriculum

Post-Master's DNP

The post-master's DNP (MSN-to-DNP) advanced clinical practice option (for nurse practitioners or clinical nurse specialists) typically is a part-time two-and-a-half-year program. Courses are taught via immersion days on campus with some online/hybrid content.

The post-master's DNP advanced clinical practice option includes 31 credits of courses at the 800 level, including core and seminar and practicum courses. A DNP project with presentation is required. Students complete a minimum of 450 hours of clinical for the MSN-to-DNP option. No more than 2 C's may be earned in the graduate program.

Code	Title	Credits
800-Level Core Courses		
NRSG 800	Advanced Nursing Practice and Informatics	2
NRSG 802	Philosophical, Theoretical, and Ethical Foundations for Advanced Nursing Practice	3
NRSG 803	Advanced Epidemiology and Biostatistics for Population Health	4
NRSG 805	Clinical Scholarship for Advanced Nursing Practice	4
NRSG 809	Organizational Leadership and Health Policy for Advanced Nursing Practice	4
800-Level Seminar/Practica and DNP Project		
NRSG 826	MSN to DNP Seminar & Practicum I	3
NRSG 827	MSN to DNP Seminar & Practicum II	4
NRSG 892	DNP Project I	1
NRSG 893	DNP Project II	3
NRSG 894	DNP Project III	3
Total Credits		31

Program Learning Outcomes

A graduate of the DNP program will be prepared to:

1. Expand advanced nursing practice by integrating the art and science of nursing with theory and knowledge from biophysical, psychosocial, political, ethical, technical, analytical, cultural, spiritual, environmental, and organizational realms.
2. Promote culturally sensitive, holistic advanced nursing practice care and services in a global community, with emphasis on disease/illness prevention and health/wellness promotion as well as restoration and maintenance.
3. Synthesize leadership skills, systems analysis, and advocacy expertise.
4. Integrate clinical expertise and competence with population-focused management, evidence-based practice, and health care policy.
5. Analyze health-related information systems and technology for the improvement of health care.
6. Develop, implement and evaluate evidence-based approaches to advanced nursing practice.
7. Evaluate the outcomes of advanced nursing practice.
8. Apply clinical scholarship and leadership skills to advanced nursing practice.
9. Evaluate personal scholarship, professional growth, and excellence in practice.

Nursing, Adult-Gerontology-Administration - Doctor of Nursing Practice

(Code 700-832)

Program Requirements

UW-Eau Claire 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 post-master's (MSN-to-DNP) option includes an advanced clinical practice option (for nurse practitioners or clinical nurse specialists) or a nurse executive option. The MSN-to-DNP option typically is a part-time two-and-a-half-year program that includes 31 credits of nursing courses. The plan requires students to take courses during Summer, Fall, Winterim, and Spring terms.

The post-baccalaureate (BSN-to-DNP) option includes an adult-gerontologic or family nursing population focus and a primary care nurse practitioner (NP), clinical nurse specialist, or nurse administrator/nurse executive role preparation. Students choose from the following BSN-to-DNP options:

- Adult-gerontologic primary care nurse practitioner
- Adult-gerontologic clinical nurse specialist
- Family nurse practitioner
- Nurse administrator/nurse executive (adult-gerontologic or family population focus)

The post-baccalaureate DNP program includes approximately 68 credits for administration/nurse executive students and approximately 73 credits for advanced clinical practice students (nurse practitioner, clinical nurse specialist). The courses are taken over three academic years for full-time students and four to five years for part-time students.

Program costs are higher than typical University of Wisconsin-Eau Claire graduate programs and thus the DNP courses involve additional course fees.

Graduate students must earn a grade of C or above in courses and practica to successfully progress. No more than 2 C's may be earned in the graduate program. Further and current information may be obtained from the Nursing Graduate Programs Director, College of Nursing and Health Sciences and the College website (<https://www.uwec.edu/academics/college-nursing-health-sciences/>).

Criteria for admission into the DNP Post-Baccalaureate Program include (also see notes):

1. Acceptance as a graduate student in good standing in the university.
2. An undergraduate degree in nursing from a nationally accredited nursing program, with a GPA of 3.00 or higher.
3. Evidence of course work in statistics (grade of C or better) at the undergraduate level.
4. Wisconsin Registered Nurse licensure. Current nursing licensure in one of the jurisdictions of the United States required at time of application.
5. Satisfactory evidence of personal qualifications and capacity for doctoral study in nursing.
6. Competence in health assessment.
7. Completed and submitted all application materials including but not limited to a DNP Demographic Form, essay, resume, university application, official transcripts from all postsecondary institutions attended, three references (forms provided) from individuals who are knowledgeable of the applicant's clinical expertise and/or potential for graduate study, and all application fees (nonrefundable).
8. Completed health record, background check, and evidence of current CPR certification and other related requirements (needed by July 1st following admission).

NOTE 1: Examples of national accreditation for nursing programs include CCNE, NLN, and ACEN.

NOTE 2: WI RN licensure needed by July 1st following admission.

NOTE 3: Consideration may be given to previous practice experience and choice of population focus and role preparation.

NOTE 4: A graduate special student may not take more than two nursing courses or six credits in nursing before being admitted to the graduate program.

NOTE 5: Priority admission application deadline is January 4, unless otherwise specified.

NOTE 6: Must complete and be current with health requirements, CPR certification, WI RN licensure, and background checks in order to be enrolled in courses.

Nursing, Adult-Gerontology-Administration/ Nurse Executive Curriculum

Post-baccalaureate DNP (BSN-to-DNP) students interested in the nursing administration/nurse executive role preparation may choose an adult-gerontologic or family population focus. The full-time program plan is for 3 years, with 4- and 5-year part-time options available. Administration role preparation courses are offered on alternate years, e.g., NRS 750 is offered in Fall 2023, 2025, etc.

For the adult-gerontologic nursing administration/nurse executive option, the post-baccalaureate DNP program consists of approximately 68 credits (including 6 credits of cognates/electives) and 1,050 clinical hours. The program includes 36 credits of courses at the 800 level, comprising core, role preparation, seminar, and practicum courses. Thirty-two credits are taken at the 700 level and include core, population focus, cognate, and role preparation theory and clinical practicum courses. A DNP project with presentation is required. No more than 2 C's may be earned in the graduate program.

700-Level Core Courses

Code	Title	Credits
NRSRG 701	Nursing Research: Methods	4
NRSRG 715	Leadership and Health Policy in Nursing	3

Population Focus

Code	Title	Credits
Adult-Gerontologic		
NRSRG 719	Human Responses in Health and Illness: Adults and Older Adults	4
NRSRG 720	Advanced Theory and Practice of Adults and Older Adults I	4

Functional Role Preparation

Code	Title	Credits
Administrator/Nurse Executive Role		
NRSRG 750	Nursing Administration I	6
NRSRG 751	Nursing Administration II	5
NRSRG 852	Nursing Administration III	4
NRSRG 853	Synthesis for the Nurse Executive	3
Cognates/Electives ¹		6

800-Level Core Courses

Code	Title	Credits
NRSRG 800	Advanced Nursing Practice and Informatics	2
NRSRG 802	Philosophical, Theoretical, and Ethical Foundations for Advanced Nursing Practice	3
NRSRG 803	Advanced Epidemiology and Biostatistics for Population Health	4
NRSRG 805	Clinical Scholarship for Advanced Nursing Practice	4
NRSRG 809	Organizational Leadership and Health Policy for Advanced Nursing Practice	4

800-Level Seminar/Practica and DNP Project

Code	Title	Credits
NRSRG 820	BSN to DNP Seminar & Practicum I	3
NRSRG 824	BSN to DNP Seminar II	1
NRSRG 825	BSN to DNP Seminar III	1
NRSRG 892	DNP Project I	1
NRSRG 893	DNP Project II	3
NRSRG 894	DNP Project III	3
Total credits		68

Note 1: Select from the following Cognates/Electives:

MBA 773	Communicating for Success: Writing for Results
MBA 778	Managing Technology in Turbulent Times
MBA 780	Health Care Human Resources and Organization
MBA 782	Health Care Finance & Economics
700-level Nursing courses	

Program Learning Outcomes

A graduate of the DNP program will be prepared to:

1. Expand advanced nursing practice by integrating the art and science of nursing with theory and knowledge from biophysical, psychosocial, political, ethical, technical, analytical, cultural, spiritual, environmental, and organizational realms.
2. Promote culturally sensitive, holistic advanced nursing practice care and services in a global community, with emphasis on disease/illness prevention and health/wellness promotion as well as restoration and maintenance.
3. Synthesize leadership skills, systems analysis, and advocacy expertise.
4. Integrate clinical expertise and competence with population-focused management, evidence-based practice, and health care policy.
5. Analyze health-related information systems and technology for the improvement of health care.
6. Develop, implement and evaluate evidence-based approaches to advanced nursing practice.
7. Evaluate the outcomes of advanced nursing practice.
8. Apply clinical scholarship and leadership skills to advanced nursing practice.
9. Evaluate personal scholarship, professional growth, and excellence in practice.

Nursing, Adult-Gerontology-Administration - Master of Science in Nursing

(Code 700-816)

Program Requirements

The Master of Science in Nursing (MSN) program is designed to prepare students in adult-gerontologic or family nursing to assume leadership roles in advanced professional nursing. Students are prepared for roles in nursing education or nursing administration/leadership & management. Requirements for the Master of Science in Nursing degree are 40 to 41 credits and include an option of thesis or a scholarly project and public presentation. Completion of the program usually requires four semesters of full-time study with 3 credits taken in a Winterim term. For full time students, the first year of courses generally are on Mondays, on campus, and the second year of courses usually are on Tuesdays, with the didactic portions of the second year clinical courses being online (combination of synchronous and asynchronous). The winterim course tends to be online with immersion (on-campus) days. Note the second year role preparation courses tend to be offered on an alternate year basis, e.g., 2022-2023, 2024-2025, etc. for nurse educators and 2023-2024, 2025-2026, etc. for nurse administrators. A part-time plan of study may be required based on the year of admission. Total clinical hours equal approximately 525 hours. The MSN no longer is a degree option at UW-Eau Claire for students pursuing

the nurse practitioner or clinical nurse specialist role preparations, in keeping with the American Association of Colleges of Nursing (AACN) recommendation to transition advanced practice nursing preparation to the Doctor of Nursing Practice (DNP) degree level. Note that program costs are higher than typical University of Wisconsin-Eau Claire graduate programs and thus the nursing graduate courses may involve additional course fees.

Qualifications for M.S.N. Admission

Criteria for admission into the Master of Science in Nursing (MSN) graduate program include (also see notes):

1. An undergraduate degree in nursing from a nationally accredited nursing program, with a GPA of 3.00 or higher.
2. Wisconsin Registered Nurse licensure. Current nursing licensure in one of the jurisdictions of the United States required at time of application.
3. Evidence of coursework in statistics (grade of C or better) at the undergraduate level.
4. Satisfactory evidence of personal qualification and capacity for graduate study in nursing.
5. Competence in health assessment.
6. Completed and submitted all application materials including but not limited to a MSN demographic form, essay, resume, university application, official transcripts from all postsecondary institutions attended, three references (forms provided) from individuals who are knowledgeable of the applicant's clinical expertise and/or potential for graduate study, and all application fees (nonrefundable).
7. Previous practice experience. Consideration will also be given to choice of population focus and role preparation and residency in an underserved area.
8. Completed health record, background check, and evidence of current CPR certification and other related requirements (needed by July 1st following admission).

NOTE 1: Examples of national accreditation for nursing programs include CCNE, NLN, and ACEN. A portfolio approach may be used for students who have not graduated from an appropriately accredited program. Contact the College of Nursing and Health Sciences Nursing Graduate Programs Director for more information.

NOTE 2: WI RN licensure needed by July 1st following admission.

NOTE 3: A graduate special student may not take more than two nursing courses or six credits in nursing before being admitted to the graduate program.

NOTE 4: Priority admission application deadline is January 4, unless otherwise specified.

NOTE 5: Must complete and be current with health requirements, CPR certification, WI RN licensure, and background checks in order to be enrolled in courses.

M.S.N. Curriculum

The core courses, all of which are nursing courses, are required of all MSN students. Students select a population focus in Adult-Gerontologic or Family Nursing in addition to the education or nursing administration/leadership & management role preparation. Functional role preparation requires specific nursing courses which build on a core of nursing knowledge. Cognate courses will be selected by nursing administration students and their advisers to

augment their core knowledge, area of population focus, or functional role preparation. Graduate students must earn a grade of C or above in courses and practica to successfully progress.

No more than 2 C's may be earned in the graduate program.

Nursing, Adult-Gerontology Administration/Leadership & Management Curriculum

Code	Title	Credits
Core Courses		
NRSG 701	Nursing Research: Methods	4
NRSG 702	Nursing Research: Application	2
NRSG 715	Leadership and Health Policy in Nursing	3
NRSG 718	Conceptual and Theoretical Foundations of Nursing	2
NRSG 794 or NRSG 799	Scholarly Project Thesis	2-3
Total Credits		13-14

Population Focus

Code	Title	Credits
Adult-Gerontologic		
NRSG 719	Human Responses in Health and Illness: Adults and Older Adults	4
NRSG 720	Advanced Theory and Practice of Adults and Older Adults I	4
Total Credits		8

Functional Role Preparation

Code	Title	Credits
Administrator/Leadership & Management Functional Role Preparation		
NRSG 750	Nursing Administration I	6
NRSG 751	Nursing Administration II	7
Cognates/Electives¹		6
Total Credits		19
Total Degree Credits		40-41

NOTE 1: Select from the following Cognates/Electives:

MBA 773	Communicating for Success: Writing for Results
MBA 778	Managing Technology in Turbulent Times
MBA 780	Health Care Human Resources and Organization
MBA 782	Health Care Finance & Economics
700-level Nursing courses	

Program Learning Outcomes

A graduate of the Master of Science in Nursing (MSN) program will be prepared to:

1. Analyze, synthesize, and apply knowledge from nursing science and other disciplines related to the health of adults, older adults, and families.

2. Synthesize, critique, evaluate, and utilize theory to guide advanced nursing roles.
3. Synthesize, evaluate, and utilize research to improve client outcomes for adults, older adults, and families.
4. Demonstrate expertise in ethically based, advanced clinical decision-making of human responses in diverse populations.
5. Integrate leadership and management theories into the advanced nursing roles.
6. Analyze and synthesize current nursing and health care issues and policies within the context of advanced nursing roles.
7. Integrate knowledge and theory of health policy, organizations, and financing of health care as a basis for the provision of quality, cost effective care.
8. Assume beginning advanced nursing roles across health care settings demonstrating effective advocacy for diverse populations.
9. Engage in lifelong learning and scholarship for the advancement of professional nursing.

Nursing, Adult-Gerontology-Clinical Nurse Specialist - Doctor of Nursing Practice

Specialist (Code 700-834)

For post-baccalaureate DNP (BSN-to-DNP) students interested in the adult-gerontologic clinical nurse specialist (CNS) option. Please see the Nursing Graduate Programs Director and college (<https://www.uwec.edu/academics/college-nursing-health-sciences/>) website regarding the availability of this offering. The curriculum for the CNS option is undergoing revisions and therefore will likely differ from the plan listed below, if offered.

Program Requirements

UW-Eau Claire 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 post-master's (MSN-to-DNP) option includes an advanced clinical practice option (for nurse practitioners or clinical nurse specialists) or a nurse executive option. The MSN-to-DNP option typically is a part-time two-and-a-half-year program that includes 31 credits of nursing courses. The plan requires students to take courses during Summer, Fall, Winter, and Spring terms.

The post-baccalaureate (BSN-to-DNP) option includes an adult-gerontologic or family nursing population focus and a primary care nurse practitioner (NP), clinical nurse specialist, or nurse administrator/nurse executive role preparation. Students choose from the following BSN-to-DNP options:

- Adult-gerontologic primary care nurse practitioner
- Adult-gerontologic clinical nurse specialist
- Family nurse practitioner
- Nurse administrator/nurse executive (adult-gerontologic or family population focus)

The post-baccalaureate DNP program includes approximately 68 credits for administration/nurse executive students and approximately 73 credits for advanced clinical practice students (nurse practitioner, clinical nurse specialist).

The courses are taken over three academic years for full-time students and four to five years for part-time students.

Program costs are higher than typical University of Wisconsin-Eau Claire graduate programs and thus the DNP courses involve additional course fees. Graduate students must earn a grade of C or above in courses and practica to successfully progress. No more than 2 C's may be earned in the graduate program. Further and current information may be obtained from the Nursing Graduate Programs Director, College of Nursing and Health Sciences and the College website (<https://www.uwec.edu/academics/college-nursing-health-sciences/>).

Criteria for admission into the DNP Post-Baccalaureate Program include (also see notes):

1. Acceptance as a graduate student in good standing in the university.
2. An undergraduate degree in nursing from a nationally accredited nursing program, with a GPA of 3.00 or higher.
3. Evidence of course work in statistics (grade of C or better) at the undergraduate level.
4. Wisconsin Registered Nurse licensure. Current nursing licensure in one of the jurisdictions of the United States required at time of application.
5. Satisfactory evidence of personal qualifications and capacity for doctoral study in nursing.
6. Competence in health assessment.
7. Completed and submitted all application materials including but not limited to a DNP Demographic Form, essay, resume, university application, official transcripts from all postsecondary institutions attended, three references (forms provided) from individuals who are knowledgeable of the applicant's clinical expertise and/or potential for graduate study, and all application fees (nonrefundable).
8. Completed health record, background check, and evidence of current CPR certification and other related requirements (needed by July 1st following admission).

NOTE 1: Examples of national accreditation for nursing programs include CCNE, NLN, and ACEN.

NOTE 2: WI RN licensure needed by July 1st following admission.

NOTE 3: Consideration may be given to previous practice experience and choice of population focus and role preparation.

NOTE 4: A graduate special student may not take more than two nursing courses or six credits in nursing before being admitted to the graduate program.

NOTE 5: Priority admission application deadline is January 4, unless otherwise specified.

NOTE 6: Must complete and be current with health requirements, CPR certification, WI RN licensure, and background checks in order to be enrolled in courses.

Nursing, Adult-Gerontologic-Clinical Nurse Specialist Curriculum

Post-baccalaureate DNP (BSN-to-DNP) students interested in the clinical nurse specialist (CNS) role preparation choose the adult-gerontologic population focus. The full-time program plan is for 3 years, with 4- and 5-year part-time

options available. CNS role preparation courses are offered on alternate years, depending on demand. Note: The curriculum for the CNS option is undergoing revisions and therefore will likely differ from the plan listed below, if offered.

For the clinical nurse specialist role preparation, the post-baccalaureate DNP program consists of about 73 credits and approximately 1,087 clinical hours. The program includes core, population focus, role preparation, seminar, and practicum courses. A DNP project with presentation is required. No more than 2 C's may be earned in the graduate program.

700-Level Core Courses

Code	Title	Credits
NRSG 701	Nursing Research: Methods	4
NRSG 715	Leadership and Health Policy in Nursing	3

Population Focus

Code	Title	Credits
Adult-Gerontologic		
NRSG 719	Human Responses in Health and Illness: Adults and Older Adults	4
NRSG 720	Advanced Theory and Practice of Adults and Older Adults I	4

Functional Role Preparation

Code	Title	Credits
Advanced Clinical Practice Role - Clinical Nurse Specialist		
NRSG 704	Advanced Health Assessment: Adults and Older Adults	2
NRSG 709	Advanced Physiological and Pathophysiological Concepts	3
NRSG 712	Pharmacotherapeutics for Advanced Clinical Practice	3
NRSG 741	Clinical Nurse Specialist I: Adult and Older Adult Health (CNS) ¹	7
NRSG 815	Advanced Clinical Practice for Adults and Older Adults II	6
NRSG 831	Advanced Clinical Practice of Frail Older Adults	5
NRSG 832	Synthesis of Advanced Clinical Practice of Adults and Older Adults I	1
NRSG 835	Synthesis of Advanced Clinical Practice of Adults and Older Adults II	4

800-Level Core Courses

Code	Title	Credits
NRSG 800	Advanced Nursing Practice and Informatics	2
NRSG 802	Philosophical, Theoretical, and Ethical Foundations for Advanced Nursing Practice	3
NRSG 803	Advanced Epidemiology and Biostatistics for Population Health	4
NRSG 805	Clinical Scholarship for Advanced Nursing Practice	4
NRSG 809	Organizational Leadership and Health Policy for Advanced Nursing Practice	4

800-Level Seminar/Practica and DNP Project

Code	Title	Credits
NRSG 820	BSN to DNP Seminar & Practicum I	3
NRSG 824	BSN to DNP Seminar II	1
NRSG 825	BSN to DNP Seminar III	1
NRSG 892	DNP Project I	1
NRSG 893	DNP Project II	3
NRSG 894	DNP Project III	3
Total Credits		73

¹ Note: The curriculum for the CNS option is undergoing revisions and therefore will likely differ from this plan, if offered.

Program Learning Outcomes

A graduate of the DNP program will be prepared to:

1. Expand advanced nursing practice by integrating the art and science of nursing with theory and knowledge from biophysical, psychosocial, political, ethical, technical, analytical, cultural, spiritual, environmental, and organizational realms.
2. Promote culturally sensitive, holistic advanced nursing practice care and services in a global community, with emphasis on disease/illness prevention and health/wellness promotion as well as restoration and maintenance.
3. Synthesize leadership skills, systems analysis, and advocacy expertise.
4. Integrate clinical expertise and competence with population-focused management, evidence-based practice, and health care policy.
5. Analyze health-related information systems and technology for the improvement of health care.
6. Develop, implement and evaluate evidence-based approaches to advanced nursing practice.
7. Evaluate the outcomes of advanced nursing practice.
8. Apply clinical scholarship and leadership skills to advanced nursing practice.
9. Evaluate personal scholarship, professional growth, and excellence in practice.

Nursing, Adult-Gerontology-Education - Master of Science in Nursing

(Code 700-819)

Program Requirements

The Master of Science in Nursing (MSN) program is designed to prepare students in adult-gerontologic or family nursing to assume leadership roles in advanced professional nursing. Students are prepared for roles in nursing education or nursing administration/leadership & management. Requirements for the Master of Science in Nursing degree are 40 to 41 credits and include an option of thesis or a scholarly project and public presentation. Completion of the program usually requires four semesters of full-time study with 3 credits taken in a Winterim term. For full time students, the first year of courses generally are on Mondays, on campus, and the second year of courses usually are on Tuesdays, with the didactic portions of the second year clinical courses being online (combination of synchronous and asynchronous). The winterim course tends to be online with immersion (on-campus) days. Note the second year role preparation courses tend to be offered on an alternate year basis,

e.g., 2022-2023, 2024-2025, etc. for nurse educators and 2023-2024, 2025-2026, etc. for nurse administrators. A part-time plan of study may be required based on the year of admission. Total clinical hours equal approximately 525 hours. The MSN no longer is a degree option at UW-Eau Claire for students pursuing the nurse practitioner or clinical nurse specialist role preparations, in keeping with the American Association of Colleges of Nursing (AACN) recommendation to transition advanced practice nursing preparation to the Doctor of Nursing Practice (DNP) degree level. Note that program costs are higher than typical University of Wisconsin-Eau Claire graduate programs and thus the nursing graduate courses may involve additional course fees.

Qualifications for M.S.N. Admission

Criteria for admission into the Master of Science in Nursing (MSN) graduate program include (also see notes):

- 1. An undergraduate degree in nursing from a nationally accredited nursing program, with a GPA of 3.00 or higher.
- 2. Wisconsin Registered Nurse licensure. Current nursing licensure in one of the jurisdictions of the United States required at time of application.
- 3. Evidence of coursework in statistics (grade of C or better) at the undergraduate level.
- 4. Satisfactory evidence of personal qualification and capacity for graduate study in nursing.
- 5. Competence in health assessment.
- 6. Completed and submitted all application materials including but not limited to a MSN demographic form, essay, resume, university application, official transcripts from all postsecondary institutions attended, three references (forms provided) from individuals who are knowledgeable of the applicant’s clinical expertise and/or potential for graduate study, and all application fees (nonrefundable).
- 7. Previous practice experience. Consideration will also be given to choice of population focus and role preparation and residency in an underserved area.
- 8. Completed health record, background check, and evidence of current CPR certification and other related requirements (needed by July 1st following admission).

NOTE 1: Examples of national accreditation for nursing programs include CCNE, NLN, and ACEN. A portfolio approach may be used for students who have not graduated from an appropriately accredited program. Contact the College of Nursing and Health Sciences Nursing Graduate Programs Director for more information.

NOTE 2: WI RN licensure needed by July 1st following admission.

NOTE 3: A graduate special student may not take more than two nursing courses or six credits in nursing before being admitted to the graduate program.

NOTE 4: Priority admission application deadline is January 4, unless otherwise specified.

NOTE 5: Must complete and be current with health requirements, CPR certification, WI RN licensure, and background checks in order to be enrolled in courses.

M.S.N. Curriculum

The core courses, all of which are nursing courses, are required of all MSN students. Students select a population focus in Adult-Gerontologic or Family

Nursing in addition to the education or nursing administration/leadership & management role preparation. Functional role preparation requires specific nursing courses which build on a core of nursing knowledge. Cognate courses will be selected by nursing administration students and their advisers to augment their core knowledge, area of population focus, or functional role preparation. Graduate students must earn a grade of C or above in courses and practica to successfully progress.

No more than 2 C’s may be earned in the graduate program.

Nursing, Adult-Gerontology-Education Curriculum

Code	Title	Credits
Core Courses		
NRSG 701	Nursing Research: Methods	4
NRSG 702	Nursing Research: Application	2
NRSG 715	Leadership and Health Policy in Nursing	3
NRSG 718	Conceptual and Theoretical Foundations of Nursing	2
NRSG 794 or NRSG 799	Scholarly Project Thesis	2-3
Total Credits		13-14

Population Focus

Code	Title	Credits
Adult-Gerontologic		
NRSG 719	Human Responses in Health and Illness: Adults and Older Adults	4
NRSG 720	Advanced Theory and Practice of Adults and Older Adults I	4
Total Credits		8

Functional Role Preparation

Code	Title	Credits
Educator Functional Role Preparation		
NRSG 730	Nursing Education I	6
NRSG 731	Nursing Education II	7
NRSG 709	Advanced Physiological and Pathophysiological Concepts	3
NRSG 703	Advanced Clinical Concepts for Nurse Educators	3
Total Credits		19
Total Degree Credits		40-41

Program Learning Outcomes

A graduate of the Master of Science in Nursing (MSN) program will be prepared to:

- 1. Analyze, synthesize, and apply knowledge from nursing science and other disciplines related to the health of adults, older adults, and families.
- 2. Synthesize, critique, evaluate, and utilize theory to guide advanced nursing roles.
- 3. Synthesize, evaluate, and utilize research to improve client outcomes for adults, older adults, and families.
- 4. Demonstrate expertise in ethically based, advanced clinical decision-making of human responses in diverse populations.

5. Integrate leadership and management theories into the advanced nursing roles.
6. Analyze and synthesize current nursing and health care issues and policies within the context of advanced nursing roles.
7. Integrate knowledge and theory of health policy, organizations, and financing of health care as a basis for the provision of quality, cost effective care.
8. Assume beginning advanced nursing roles across health care settings demonstrating effective advocacy for diverse populations.
9. Engage in lifelong learning and scholarship for the advancement of professional nursing.

Nursing, Adult-Gerontology-Primary Care Nurse Practitioner - Doctor of Nursing Practice

(Code 700-833)

For post-baccalaureate DNP (BSN-to-DNP) students interested in the primary care nurse practitioner role preparation with an adult-gerontologic population focus.

Program Requirements

UW-Eau Claire 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 post-master's (MSN-to-DNP) option includes an advanced clinical practice option (for nurse practitioners or clinical nurse specialists) or a nurse executive option. The MSN-to-DNP option typically is a part-time two-and-a-half-year program that includes 31 credits of nursing courses. The plan requires students to take courses during Summer, Fall, Winterim, and Spring terms.

The post-baccalaureate (BSN-to-DNP) option includes an adult-gerontologic or family nursing population focus and a primary care nurse practitioner (NP), clinical nurse specialist, or nurse administrator/nurse executive role preparation. Students choose from the following BSN-to-DNP options:

- Adult-gerontologic primary care nurse practitioner
- Adult-gerontologic clinical nurse specialist
- Family nurse practitioner
- Nurse administrator/nurse executive (adult-gerontologic or family population focus)

The post-baccalaureate DNP program includes approximately 68 credits for administration/nurse executive students and approximately 73 credits for advanced clinical practice students (nurse practitioner, clinical nurse specialist). The courses are taken over three academic years for full-time students and four to five years for part-time students.

Program costs are higher than typical University of Wisconsin-Eau Claire graduate programs and thus the DNP courses involve additional course fees. Graduate students must earn a grade of C or above in courses and practica to successfully progress. No more than 2 C's may be earned in the graduate program. Further and current information may be obtained from the Nursing Graduate Programs Director, College of Nursing and Health Sciences and the

College website (<https://www.uwec.edu/academics/college-nursing-health-sciences/>).

Criteria for admission into the DNP Post-Baccalaureate Program include (also see notes):

1. Acceptance as a graduate student in good standing in the university.
2. An undergraduate degree in nursing from a nationally accredited nursing program, with a GPA of 3.00 or higher.
3. Evidence of course work in statistics (grade of C or better) at the undergraduate level.
4. Wisconsin Registered Nurse licensure. Current nursing licensure in one of the jurisdictions of the United States required at time of application.
5. Satisfactory evidence of personal qualifications and capacity for doctoral study in nursing.
6. Competence in health assessment.
7. Completed and submitted all application materials including but not limited to a DNP Demographic Form, essay, resume, university application, official transcripts from all postsecondary institutions attended, three references (forms provided) from individuals who are knowledgeable of the applicant's clinical expertise and/or potential for graduate study, and all application fees (nonrefundable).
8. Completed health record, background check, and evidence of current CPR certification and other related requirements (needed by July 1st following admission).

NOTE 1: Examples of national accreditation for nursing programs include CCNE, NLN, and ACEN.

NOTE 2: WI RN licensure needed by July 1st following admission.

NOTE 3: Consideration may be given to previous practice experience and choice of population focus and role preparation.

NOTE 4: A graduate special student may not take more than two nursing courses or six credits in nursing before being admitted to the graduate program.

NOTE 5: Priority admission application deadline is January 4, unless otherwise specified.

NOTE 6: Must complete and be current with health requirements, CPR certification, WI RN licensure, and background checks in order to be enrolled in courses.

Nursing, Adult-Gerontologic-Primary Care Nurse Practitioner Curriculum

Post-baccalaureate DNP (BSN-to-DNP) students interested in the primary care nurse practitioner role preparation choose an adult-gerontologic or family population focus. The fulltime program plan is for 3 years, with 4- and 5-year part-time options available.

For the adult-gerontologic primary care nurse practitioner option, the post-baccalaureate DNP program consists of 73 credits and approximately 1,087 clinical hours. The program includes 50 credits of courses at the 800 level, comprising core, role preparation, seminar, and practicum courses. Twenty-three credits are taken at the 700 level and include core, population focus, and role preparation theory and clinical practicum courses. A DNP project with

presentation is required. No more than 2 C's may be earned in the graduate program.

700-Level Core Courses

Code	Title	Credits
NRSG 701	Nursing Research: Methods	4
NRSG 715	Leadership and Health Policy in Nursing	3

Population Focus

Code	Title	Credits
Adult-Gerontologic		
NRSG 719	Human Responses in Health and Illness: Adults and Older Adults	4
NRSG 720	Advanced Theory and Practice of Adults and Older Adults I	4

Functional Role Preparation

Code	Title	Credits
Advanced Clinical Practice Role - Nurse Practitioner		
NRSG 704	Advanced Health Assessment: Adults and Older Adults	2
NRSG 709	Advanced Physiological and Pathophysiological Concepts	3
NRSG 712	Pharmacotherapeutics for Advanced Clinical Practice	3
NRSG 811	Advanced Clinical Practice for Adults and Older Adults I	5
NRSG 815	Advanced Clinical Practice for Adults and Older Adults II	6
NRSG 831	Advanced Clinical Practice of Frail Older Adults	5
NRSG 832	Synthesis of Advanced Clinical Practice of Adults and Older Adults I	1
NRSG 835	Synthesis of Advanced Clinical Practice of Adults and Older Adults II	4

800-Level Core Courses

Code	Title	Credits
NRSG 800	Advanced Nursing Practice and Informatics	2
NRSG 802	Philosophical, Theoretical, and Ethical Foundations for Advanced Nursing Practice	3
NRSG 803	Advanced Epidemiology and Biostatistics for Population Health	4
NRSG 805	Clinical Scholarship for Advanced Nursing Practice	4
NRSG 809	Organizational Leadership and Health Policy for Advanced Nursing Practice	4

800-Level Seminar/Practica and DNP Project

Code	Title	Credits
NRSG 820	BSN to DNP Seminar & Practicum I	3
NRSG 824	BSN to DNP Seminar II	1
NRSG 825	BSN to DNP Seminar III	1

NRSG 892	DNP Project I	1
NRSG 893	DNP Project II	3
NRSG 894	DNP Project III	3
Total Credits		73

Program Learning Outcomes

A graduate of the DNP program will be prepared to:

1. Expand advanced nursing practice by integrating the art and science of nursing with theory and knowledge from biophysical, psychosocial, political, ethical, technical, analytical, cultural, spiritual, environmental, and organizational realms.
2. Promote culturally sensitive, holistic advanced nursing practice care and services in a global community, with emphasis on disease/illness prevention and health/wellness promotion as well as restoration and maintenance.
3. Synthesize leadership skills, systems analysis, and advocacy expertise.
4. Integrate clinical expertise and competence with population-focused management, evidence-based practice, and health care policy.
5. Analyze health-related information systems and technology for the improvement of health care.
6. Develop, implement and evaluate evidence-based approaches to advanced nursing practice.
7. Evaluate the outcomes of advanced nursing practice.
8. Apply clinical scholarship and leadership skills to advanced nursing practice.
9. Evaluate personal scholarship, professional growth, and excellence in practice.

Nursing, Family Health-Administration - Doctor of Nursing Practice

(Code 700-835)

For post-baccalaureate DNP (BSN-to-DNP) students interested in the administration/nurse executive role preparation with a family population focus.

Program Requirements

UW-Eau Claire 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 post-master's (MSN-to-DNP) option includes an advanced clinical practice option (for nurse practitioners or clinical nurse specialists) or a nurse executive option. The MSN-to-DNP option typically is a part-time two-and-a-half-year program that includes 31 credits of nursing courses. The plan requires students to take courses during Summer, Fall, Winterim, and Spring terms.

The post-baccalaureate (BSN-to-DNP) option includes an adult-gerontologic or family nursing population focus and a primary care nurse practitioner (NP), clinical nurse specialist, or nurse administrator/nurse executive role preparation. Students choose from the following BSN-to-DNP options:

- Adult-gerontologic primary care nurse practitioner
- Adult-gerontologic clinical nurse specialist

- Family nurse practitioner
- Nurse administrator/nurse executive (adult-gerontologic or family population focus)

The post-baccalaureate DNP program includes approximately 68 credits for administration/nurse executive students and approximately 73 credits for advanced clinical practice students (nurse practitioner, clinical nurse specialist). The courses are taken over three academic years for full-time students and four to five years for part-time students.

Program costs are higher than typical University of Wisconsin-Eau Claire graduate programs and thus the DNP courses involve additional course fees. Graduate students must earn a grade of C or above in courses and practica to successfully progress. No more than 2 C's may be earned in the graduate program. Further and current information may be obtained from the Nursing Graduate Programs Director, College of Nursing and Health Sciences and the College website (<https://www.uwec.edu/academics/college-nursing-health-sciences/>).

Criteria for admission into the DNP Post-Baccalaureate Program include (also see notes):

1. Acceptance as a graduate student in good standing in the university.
2. An undergraduate degree in nursing from a nationally accredited nursing program, with a GPA of 3.00 or higher.
3. Evidence of course work in statistics (grade of C or better) at the undergraduate level.
4. Wisconsin Registered Nurse licensure. Current nursing licensure in one of the jurisdictions of the United States required at time of application.
5. Satisfactory evidence of personal qualifications and capacity for doctoral study in nursing.
6. Competence in health assessment.
7. Completed and submitted all application materials including but not limited to a DNP Demographic Form, essay, resume, university application, official transcripts from all postsecondary institutions attended, three references (forms provided) from individuals who are knowledgeable of the applicant's clinical expertise and/or potential for graduate study, and all application fees (nonrefundable).
8. Completed health record, background check, and evidence of current CPR certification and other related requirements (needed by July 1st following admission).

NOTE 1: Examples of national accreditation for nursing programs include CCNE, NLN, and ACEN.

NOTE 2: WI RN licensure needed by July 1st following admission.

NOTE 3: Consideration may be given to previous practice experience and choice of population focus and role preparation.

NOTE 4: A graduate special student may not take more than two nursing courses or six credits in nursing before being admitted to the graduate program.

NOTE 5: Priority admission application deadline is January 4, unless otherwise specified.

NOTE 6: Must complete and be current with health requirements, CPR certification, WI RN licensure, and background checks in order to be enrolled in courses.

Nursing, Family Health-Administration/Nurse Executive Curriculum

Post-baccalaureate DNP (BSN-to-DNP) students interested in the administration/nurse executive role preparation choose an adult-gerontologic or family population focus. The fulltime program plan is for 3 years, with 4- and 5-year part-time options available. Administration role preparation courses are offered on alternate years, e.g., NRSNG 750 is offered in Fall 2023, 2025, etc.

For the family administration/nurse executive option, the post-baccalaureate DNP program consists of approximately 68 credits (including 6 credits of cognates/electives) and 1,050 clinical hours. The program includes 36 credits of courses at the 800 level, comprising core, role preparation, seminar, and practicum courses. Thirty-two credits are taken at the 700 level and include core, population focus, cognate, and role preparation theory and clinical practicum courses. A DNP project with presentation is required. No more than 2 C's may be earned in the graduate program.

700-Level Core Courses

Code	Title	Credits
NRSNG 701	Nursing Research: Methods	4
NRSNG 715	Leadership and Health Policy in Nursing	3

Population Focus

Code	Title	Credits
Family		
NRSNG 722	Individual, Family, and Community Responses	4
NRSNG 725	Advanced Theory and Practice of Family Health Nursing I	4

Functional Role Preparation

Code	Title	Credits
Administrator/Nurse Executive Role		
NRSNG 750	Nursing Administration I	6
NRSNG 751	Nursing Administration II	5
NRSNG 852	Nursing Administration III	4
NRSNG 853	Synthesis for the Nurse Executive	3
Cognates/Electives ¹		6

800-Level Core Courses

Code	Title	Credits
NRSNG 800	Advanced Nursing Practice and Informatics	2
NRSNG 802	Philosophical, Theoretical, and Ethical Foundations for Advanced Nursing Practice	3
NRSNG 803	Advanced Epidemiology and Biostatistics for Population Health	4
NRSNG 805	Clinical Scholarship for Advanced Nursing Practice	4
NRSNG 809	Organizational Leadership and Health Policy for Advanced Nursing Practice	4

800-Level Seminar/Practica and DNP Project

Code	Title	Credits
NRSG 820	BSN to DNP Seminar & Practicum I	3
NRSG 824	BSN to DNP Seminar II	1
NRSG 825	BSN to DNP Seminar III	1
NRSG 892	DNP Project I	1
NRSG 893	DNP Project II	3
NRSG 894	DNP Project III	3
Total Credits		68

Note 1: Select from the following Cognates/Electives:

MBA 773	Communicating for Success: Writing for Results
MBA 778	Managing Technology in Turbulent Times
MBA 780	Health Care Human Resources and Organization
MBA 782	Health Care Finance & Economics
700-level Nursing courses	

Program Learning Outcomes

A graduate of the DNP program will be prepared to:

1. Expand advanced nursing practice by integrating the art and science of nursing with theory and knowledge from biophysical, psychosocial, political, ethical, technical, analytical, cultural, spiritual, environmental, and organizational realms.
2. Promote culturally sensitive, holistic advanced nursing practice care and services in a global community, with emphasis on disease/illness prevention and health/wellness promotion as well as restoration and maintenance.
3. Synthesize leadership skills, systems analysis, and advocacy expertise.
4. Integrate clinical expertise and competence with population-focused management, evidence-based practice, and health care policy.
5. Analyze health-related information systems and technology for the improvement of health care.
6. Develop, implement and evaluate evidence-based approaches to advanced nursing practice.
7. Evaluate the outcomes of advanced nursing practice.
8. Apply clinical scholarship and leadership skills to advanced nursing practice.
9. Evaluate personal scholarship, professional growth, and excellence in practice.

Nursing, Family Health-Administration - Master of Science in Nursing

(Code 700-812)

Program Requirements

The Master of Science in Nursing (MSN) program is designed to prepare students in adult-gerontologic or family nursing to assume leadership roles in advanced professional nursing. Students are prepared for roles in nursing education or nursing administration/leadership & management. Requirements for the Master of Science in Nursing degree are 40 to 41 credits and include an

option of thesis or a scholarly project and public presentation. Completion of the program usually requires four semesters of full-time study with 3 credits taken in a Winterim term. For full time students, the first year of courses generally are on Mondays, on campus, and the second year of courses usually are on Tuesdays, with the didactic portions of the second year clinical courses being online (combination of synchronous and asynchronous). The winterim course tends to be online with immersion (on-campus) days. Note the second year role preparation courses tend to be offered on an alternate year basis, e.g., 2022-2023, 2024-2025, etc. for nurse educators and 2023-2024, 2025-2026, etc. for nurse administrators. A part-time plan of study may be required based on the year of admission. Total clinical hours equal approximately 525 hours. The MSN no longer is a degree option at UW-Eau Claire for students pursuing the nurse practitioner or clinical nurse specialist role preparations, in keeping with the American Association of Colleges of Nursing (AACN) recommendation to transition advanced practice nursing preparation to the Doctor of Nursing Practice (DNP) degree level. Note that program costs are higher than typical University of Wisconsin-Eau Claire graduate programs and thus the nursing graduate courses may involve additional course fees.

Qualifications for M.S.N. Admission

Criteria for admission into the Master of Science in Nursing (MSN) graduate program include (also see notes):

1. An undergraduate degree in nursing from a nationally accredited nursing program, with a GPA of 3.00 or higher.
2. Wisconsin Registered Nurse licensure. Current nursing licensure in one of the jurisdictions of the United States required at time of application.
3. Evidence of coursework in statistics (grade of C or better) at the undergraduate level.
4. Satisfactory evidence of personal qualification and capacity for graduate study in nursing.
5. Competence in health assessment.
6. Completed and submitted all application materials including but not limited to a MSN demographic form, essay, resume, university application, official transcripts from all postsecondary institutions attended, three references (forms provided) from individuals who are knowledgeable of the applicant's clinical expertise and/or potential for graduate study, and all application fees (nonrefundable).
7. Previous practice experience. Consideration will also be given to choice of population focus and role preparation and residency in an underserved area.
8. Completed health record, background check, and evidence of current CPR certification and other related requirements (needed by July 1st following admission).

NOTE 1: Examples of national accreditation for nursing programs include CCNE, NLN, and ACEN. A portfolio approach may be used for students who have not graduated from an appropriately accredited program. Contact the College of Nursing and Health Sciences Nursing Graduate Programs Director for more information.

NOTE 2: WI RN licensure needed by July 1st following admission.

NOTE 3: A graduate special student may not take more than two nursing courses or six credits in nursing before being admitted to the graduate program.

NOTE 4: Priority admission application deadline is January 4, unless otherwise specified.

NOTE 5: Must complete and be current with health requirements, CPR certification, WI RN licensure, and background checks in order to be enrolled in courses.

M.S.N. Curriculum

The core courses, all of which are nursing courses, are required of all MSN students. Students select a population focus in Adult-Gerontologic or Family Nursing in addition to the education or nursing administration/leadership & management role preparation. Functional role preparation requires specific nursing courses which build on a core of nursing knowledge. Cognate courses will be selected by nursing administration students and their advisers to augment their core knowledge, area of population focus, or functional role preparation. Graduate students must earn a grade of C or above in courses and practica to successfully progress.

No more than 2 C's may be earned in the graduate program.

Nursing, Family Health-Administration/Leadership & Management Curriculum

Code	Title	Credits
Core Courses		
NRSG 701	Nursing Research: Methods	4
NRSG 702	Nursing Research: Application	2
NRSG 715	Leadership and Health Policy in Nursing	3
NRSG 718	Conceptual and Theoretical Foundations of Nursing	2
NRSG 794 or NRSG 799	Scholarly Project Thesis	2-3
Total Credits		13-14

Population Focus

Code	Title	Credits
Family		
NRSG 722	Individual, Family, and Community Responses	4
NRSG 725	Advanced Theory and Practice of Family Health Nursing I	4
Total Credits		8

Functional Role Preparation

Code	Title	Credits
Administrator/Leadership & Management Functional Role Preparation		
NRSG 750	Nursing Administration I	6
NRSG 751	Nursing Administration II	7
Cognates/Electives ¹		6
Total Credits		19
Total Degree Credits		40-41

Note 1: Select from the following Cognates/Electives:

MBA 773	Communicating for Success: Writing for Results
MBA 778	Managing Technology in Turbulent Times

MBA 780	Health Care Human Resources and Organization
MBA 782	Health Care Finance & Economics
700-level Nursing courses	

Program Learning Outcomes

A graduate of the Master of Science in Nursing (MSN) program will be prepared to:

1. Analyze, synthesize, and apply knowledge from nursing science and other disciplines related to the health of adults, older adults, and families.
2. Synthesize, critique, evaluate, and utilize theory to guide advanced nursing roles.
3. Synthesize, evaluate, and utilize research to improve client outcomes for adults, older adults, and families.
4. Demonstrate expertise in ethically based, advanced clinical decision-making of human responses in diverse populations.
5. Integrate leadership and management theories into the advanced nursing roles.
6. Analyze and synthesize current nursing and health care issues and policies within the context of advanced nursing roles.
7. Integrate knowledge and theory of health policy, organizations, and financing of health care as a basis for the provision of quality, cost effective care.
8. Assume beginning advanced nursing roles across health care settings demonstrating effective advocacy for diverse populations.
9. Engage in lifelong learning and scholarship for the advancement of professional nursing.

Nursing, Family Health-Education - Master of Science in Nursing

(Code 700-811)

Program Requirements

The Master of Science in Nursing (MSN) program is designed to prepare students in adult-gerontologic or family nursing to assume leadership roles in advanced professional nursing. Students are prepared for roles in nursing education or nursing administration/leadership & management. Requirements for the Master of Science in Nursing degree are 40 to 41 credits and include an option of thesis or a scholarly project and public presentation. Completion of the program usually requires four semesters of full-time study with 3 credits taken in a Winterim term. For full time students, the first year of courses generally are on Mondays, on campus, and the second year of courses usually are on Tuesdays, with the didactic portions of the second year clinical courses being online (combination of synchronous and asynchronous). The winterim course tends to be online with immersion (on-campus) days. Note the second year role preparation courses tend to be offered on an alternate year basis, e.g., 2022-2023, 2024-2025, etc. for nurse educators and 2023-2024, 2025-2026, etc. for nurse administrators. A part-time plan of study may be required based on the year of admission. Total clinical hours equal approximately 525 hours. The MSN no longer is a degree option at UW-Eau Claire for students pursuing the nurse practitioner or clinical nurse specialist role preparations, in keeping with the American Association of Colleges of Nursing (AACN) recommendation to transition advanced practice nursing preparation to the Doctor of Nursing Practice (DNP) degree level. Note that program costs are higher than typical

University of Wisconsin-Eau Claire graduate programs and thus the nursing graduate courses may involve additional course fees.

Qualifications for M.S.N. Admission

Criteria for admission into the Master of Science in Nursing (MSN) graduate program include (also see notes):

1. An undergraduate degree in nursing from a nationally accredited nursing program, with a GPA of 3.00 or higher.
2. Wisconsin Registered Nurse licensure. Current nursing licensure in one of the jurisdictions of the United States required at time of application.
3. Evidence of coursework in statistics (grade of C or better) at the undergraduate level.
4. Satisfactory evidence of personal qualification and capacity for graduate study in nursing.
5. Competence in health assessment.
6. Completed and submitted all application materials including but not limited to a MSN demographic form, essay, resume, university application, official transcripts from all postsecondary institutions attended, three references (forms provided) from individuals who are knowledgeable of the applicant's clinical expertise and/or potential for graduate study, and all application fees (nonrefundable).
7. Previous practice experience. Consideration will also be given to choice of population focus and role preparation and residency in an underserved area.
8. Completed health record, background check, and evidence of current CPR certification and other related requirements (needed by July 1st following admission).

NOTE 1: Examples of national accreditation for nursing programs include CCNE, NLN, and ACEN. A portfolio approach may be used for students who have not graduated from an appropriately accredited program. Contact the College of Nursing and Health Sciences Nursing Graduate Programs Director for more information.

NOTE 2: WI RN licensure needed by July 1st following admission.

NOTE 3: A graduate special student may not take more than two nursing courses or six credits in nursing before being admitted to the graduate program.

NOTE 4: Priority admission application deadline is January 4, unless otherwise specified.

NOTE 5: Must complete and be current with health requirements, CPR certification, WI RN licensure, and background checks in order to be enrolled in courses.

M.S.N. Curriculum

The core courses, all of which are nursing courses, are required of all MSN students. Students select a population focus in Adult-Gerontologic or Family Nursing in addition to the education or nursing administration/leadership & management role preparation. Functional role preparation requires specific nursing courses which build on a core of nursing knowledge. Cognate courses will be selected by nursing administration students and their advisers to augment their core knowledge, area of population focus, or functional role preparation. Graduate students must earn a grade of C or above in courses and practica to successfully progress.

No more than 2 C's may be earned in the graduate program.

Nursing, Family Health-Education Curriculum

Code	Title	Credits
Core Courses		
NRSG 701	Nursing Research: Methods	4
NRSG 702	Nursing Research: Application	2
NRSG 715	Leadership and Health Policy in Nursing	3
NRSG 718	Conceptual and Theoretical Foundations of Nursing	2
NRSG 794 or NRSG 799	Scholarly Project Thesis	2-3
Total Credits		13-14

Population Focus

Code	Title	Credits
Family		
NRSG 722	Individual, Family, and Community Responses	4
NRSG 725	Advanced Theory and Practice of Family Health Nursing I	4
Total Credits		8

Functional Role Preparation

Code	Title	Credits
Educator Functional Role Preparation		
NRSG 703	Advanced Clinical Concepts for Nurse Educators	3
NRSG 709	Advanced Physiological and Pathophysiological Concepts	3
NRSG 730	Nursing Education I	6
NRSG 731	Nursing Education II	7
Total Credits		19
Total Degree Credits		40-41

Program Learning Outcomes

A graduate of the Master of Science in Nursing (MSN) program will be prepared to:

1. Analyze, synthesize, and apply knowledge from nursing science and other disciplines related to the health of adults, older adults, and families.
2. Synthesize, critique, evaluate, and utilize theory to guide advanced nursing roles.
3. Synthesize, evaluate, and utilize research to improve client outcomes for adults, older adults, and families.
4. Demonstrate expertise in ethically based, advanced clinical decision-making of human responses in diverse populations.
5. Integrate leadership and management theories into the advanced nursing roles.
6. Analyze and synthesize current nursing and health care issues and policies within the context of advanced nursing roles.
7. Integrate knowledge and theory of health policy, organizations, and financing of health care as a basis for the provision of quality, cost effective care.

8. Assume beginning advanced nursing roles across health care settings demonstrating effective advocacy for diverse populations.
9. Engage in lifelong learning and scholarship for the advancement of professional nursing.

Nursing, Family Health-Nurse Practitioner - Doctor of Nursing Practice

(Code 700-836)

For post-baccalaureate DNP (BSN-to-DNP) students interested in the family nurse practitioner option.

Program Requirements

UW-Eau Claire 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 post-master's (MSN-to-DNP) option includes an advanced clinical practice option (for nurse practitioners or clinical nurse specialists) or a nurse executive option. The MSN-to-DNP option typically is a part-time two-and-a-half-year program that includes 31 credits of nursing courses. The plan requires students to take courses during Summer, Fall, Winterim, and Spring terms.

The post-baccalaureate (BSN-to-DNP) option includes an adult-gerontologic or family nursing population focus and a primary care nurse practitioner (NP), clinical nurse specialist, or nurse administrator/nurse executive role preparation. Students choose from the following BSN-to-DNP options:

- Adult-gerontologic primary care nurse practitioner
- Adult-gerontologic clinical nurse specialist
- Family nurse practitioner
- Nurse administrator/nurse executive (adult-gerontologic or family population focus)

The post-baccalaureate DNP program includes approximately 68 credits for administration/nurse executive students and approximately 73 credits for advanced clinical practice students (nurse practitioner, clinical nurse specialist). The courses are taken over three academic years for full-time students and four to five years for part-time students.

Program costs are higher than typical University of Wisconsin-Eau Claire graduate programs and thus the DNP courses involve additional course fees. Graduate students must earn a grade of C or above in courses and practica to successfully progress. No more than 2 C's may be earned in the graduate program. Further and current information may be obtained from the Nursing Graduate Programs Director, College of Nursing and Health Sciences and the College website (<https://www.uwec.edu/academics/college-nursing-health-sciences/>).

Criteria for admission into the DNP Post-Baccalaureate Program include (also see notes):

1. Acceptance as a graduate student in good standing in the university.
2. An undergraduate degree in nursing from a nationally accredited nursing program, with a GPA of 3.00 or higher.

3. Evidence of course work in statistics (grade of C or better) at the undergraduate level.

4. Wisconsin Registered Nurse licensure. Current nursing licensure in one of the jurisdictions of the United States required at time of application.

5. Satisfactory evidence of personal qualifications and capacity for doctoral study in nursing.

6. Competence in health assessment.

7. Completed and submitted all application materials including but not limited to a DNP Demographic Form, essay, resume, university application, official transcripts from all postsecondary institutions attended, three references (forms provided) from individuals who are knowledgeable of the applicant's clinical expertise and/or potential for graduate study, and all application fees (nonrefundable).

8. Completed health record, background check, and evidence of current CPR certification and other related requirements (needed by July 1st following admission).

NOTE 1: Examples of national accreditation for nursing programs include CCNE, NLN, and ACEN.

NOTE 2: WI RN licensure needed by July 1st following admission.

NOTE 3: Consideration may be given to previous practice experience and choice of population focus and role preparation.

NOTE 4: A graduate special student may not take more than two nursing courses or six credits in nursing before being admitted to the graduate program.

NOTE 5: Priority admission application deadline is January 4, unless otherwise specified.

NOTE 6: Must complete and be current with health requirements, CPR certification, WI RN licensure, and background checks in order to be enrolled in courses.

Nursing, Family Health-Nurse Practitioner Curriculum

Post-baccalaureate DNP (BSN-to-DNP) students interested in the primary care nurse practitioner role preparation choose the adult-gerontologic or family population focus. The fulltime program plan is for 3 years, with 4- and 5-year part-time options available.

For the family nurse practitioner option, the post-baccalaureate DNP program consists of 73 credits and approximately 1,087 clinical hours. The program includes 50 credits of courses at the 800 level, comprising core, role preparation, seminar, and practicum courses. Twenty-three credits are taken at the 700 level and include core, population focus, and role preparation theory and clinical practicum courses. A DNP project with presentation is required. No more than 2 C's may be earned in the graduate program.

700-Level Core Courses

Code	Title	Credits
NRS 701	Nursing Research: Methods	4
NRS 715	Leadership and Health Policy in Nursing	3

Population Focus

Code	Title	Credits
Family		
NRSRG 722	Individual, Family, and Community Responses	4
NRSRG 725	Advanced Theory and Practice of Family Health Nursing I	4

Functional Role Preparation

Code	Title	Credits
Advanced Clinical Practice Role - Nurse Practitioner		
NRSRG 708	Advanced Health Assessment: Family	2
NRSRG 709	Advanced Physiological and Pathophysiological Concepts	3
NRSRG 712	Pharmacotherapeutics for Advanced Clinical Practice	3
NRSRG 813	Family Health: Advanced Clinical Practice I	5
NRSRG 817	Family Health: Advanced Clinical Practice II	6
NRSRG 833	Advanced Clinical Practice of Families within Vulnerable Populations	5
NRSRG 834	Synthesis of Advanced Clinical Practice of Families I	1
NRSRG 837	Synthesis of Advanced Clinical Practice of Families II	4

800-Level Core Courses

Code	Title	Credits
NRSRG 800	Advanced Nursing Practice and Informatics	2
NRSRG 802	Philosophical, Theoretical, and Ethical Foundations for Advanced Nursing Practice	3
NRSRG 803	Advanced Epidemiology and Biostatistics for Population Health	4
NRSRG 805	Clinical Scholarship for Advanced Nursing Practice	4
NRSRG 809	Organizational Leadership and Health Policy for Advanced Nursing Practice	4

800-Level Seminar/Practica and DNP Project

Code	Title	Credits
NRSRG 820	BSN to DNP Seminar & Practicum I	3
NRSRG 824	BSN to DNP Seminar II	1
NRSRG 825	BSN to DNP Seminar III	1
NRSRG 892	DNP Project I	1
NRSRG 893	DNP Project II	3
NRSRG 894	DNP Project III	3
Total Credits		73

Program Learning Outcomes

A graduate of the DNP program will be prepared to:

1. Expand advanced nursing practice by integrating the art and science of nursing with theory and knowledge from biophysical, psychosocial,

political, ethical, technical, analytical, cultural, spiritual, environmental, and organizational realms.

2. Promote culturally sensitive, holistic advanced nursing practice care and services in a global community, with emphasis on disease/illness prevention and health/wellness promotion as well as restoration and maintenance.
3. Synthesize leadership skills, systems analysis, and advocacy expertise.
4. Integrate clinical expertise and competence with population-focused management, evidence-based practice, and health care policy.
5. Analyze health-related information systems and technology for the improvement of health care.
6. Develop, implement and evaluate evidence-based approaches to advanced nursing practice.
7. Evaluate the outcomes of advanced nursing practice.
8. Apply clinical scholarship and leadership skills to advanced nursing practice.
9. Evaluate personal scholarship, professional growth, and excellence in practice.

Nursing, Nurse Executive - Doctor of Nursing Practice

(Code 700-837)

Post-master's DNP (MSN-to-DNP) Nurse Executive option.

Program Requirements

UW-Eau Claire 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 post-master's (MSN-to-DNP) option includes an advanced clinical practice option (for nurse practitioners or clinical nurse specialists) or a nurse executive option. The MSN-to-DNP option typically is a part-time two-and-a-half-year program that includes 31 credits of nursing courses. The plan requires students to take courses during Summer, Fall, Winter, and Spring terms.

The post-baccalaureate (BSN-to-DNP) option includes an adult-gerontologic or family nursing population focus and a primary care nurse practitioner (NP), clinical nurse specialist, or nurse administrator/nurse executive role preparation. Students choose from the following BSN-to-DNP options:

- Adult-gerontologic primary care nurse practitioner
- Adult-gerontologic clinical nurse specialist
- Family nurse practitioner
- Nurse administrator/nurse executive (adult-gerontologic or family population focus)

The post-baccalaureate DNP program includes approximately 68 credits for administration/nurse executive students and approximately 73 credits for advanced clinical practice students (nurse practitioner, clinical nurse specialist). The courses are taken over three academic years for full-time students and four to five years for part-time students.

Program costs are higher than typical University of Wisconsin-Eau Claire graduate programs and thus the DNP courses involve additional course fees. Graduate students must earn a grade of C or above in courses and practica to successfully progress. No more than 2 C's may be earned in the graduate

program. Further and current information may be obtained from the Nursing Graduate Programs Director, College of Nursing and Health Sciences and the College website (<https://www.uwec.edu/academics/college-nursing-health-sciences/>).

Criteria for admission into the DNP Post-Master’s Program include (also see notes):

- 1. Acceptance as a graduate student in good standing in the university.
- 2. An undergraduate degree in nursing from a nationally accredited nursing program, with a GPA of 3.00 or higher.
- 3. A master’s degree in nursing from a nationally accredited nursing program, with a role preparation in Advanced Practice Nursing, with a GPA of 3.00 or higher.
- 4. Evidence of at least 550 hours of master’s-level clinical practicum (or national certification by a body approved by the Wisconsin State Board of Nursing).
- 5. Evidence of basic epidemiology content.
- 6. Evidence of graduate-level pharmacology (not required for nursing administration students).
- 7. Evidence of graduate-level nursing research and nursing theory.
- 8. Wisconsin Registered Nurse licensure. Current nursing licensure in one of the jurisdictions of the United States required at time of application.
- 9. Satisfactory evidence of personal qualifications and capacity for doctoral study in nursing.
- 10. Completed and submitted all application materials including but not limited to a DNP Demographic Form, essay, resume, university application, official transcripts from all postsecondary institutions attended, three references (forms provided) from individuals who are knowledgeable of the applicant’s clinical expertise and/or potential for graduate study, and all application fees (nonrefundable).
- 11. Completed health record, background check, and evidence of current CPR certification and other related requirements (needed by July 1st following admission).

NOTE 1: Examples of national accreditation for nursing programs include CCNE, NLN, and ACEN.

NOTE 2: WI RN licensure needed by July 1 following admission.

NOTE 3: Examples of role preparations in Advanced Practice Nursing include Adult (- Gerontologic) or Family Nurse Practitioner, Adult (- Gerontologic) Clinical Nurse Specialist, and Nurse Administrator.

NOTE 4: Priority admission application deadline is January 4, unless otherwise specified.

NOTE 5: Must complete and be current with health requirements, CPR certification, WI RN licensure, and background checks in order to be enrolled in courses.

Nursing - Post-Master's DNP Nurse Executive Curriculum

Post-Master’s DNP

The post-master’s DNP (MSN-to-DNP) Nurse Executive option typically is a part-time two-and-a-half-year program. Courses are taught via immersion days on campus with some online/hybrid content.

The post-master’s Nurse Executive option includes 31 credits at the 800 level, including core and seminar and practicum courses. A DNP project with presentation is required. Students complete a minimum of 525 hours of clinical for the MSN-to-DNP Nurse Executive option. No more than 2 C’s may be earned in the graduate program.

Code	Title	Credits
800-Level Core Courses		
NRSG 800	Advanced Nursing Practice and Informatics	2
NRSG 802	Philosophical, Theoretical, and Ethical Foundations for Advanced Nursing Practice	3
NRSG 803	Advanced Epidemiology and Biostatistics for Population Health	4
NRSG 805	Clinical Scholarship for Advanced Nursing Practice	4
NRSG 809	Organizational Leadership and Health Policy for Advanced Nursing Practice	4
800-Level Practica and DNP Project		
NRSG 852	Nursing Administration III ¹	4
NRSG 853	Synthesis for the Nurse Executive ¹	3
NRSG 892	DNP Project I	1
NRSG 893	DNP Project II	3
NRSG 894	DNP Project III	3
Total Credits		31

¹ Taught alternate academic years, e.g., 2022-2023, 2024-2025.

Program Learning Outcomes

A graduate of the DNP program will be prepared to:

- 1. Expand advanced nursing practice by integrating the art and science of nursing with theory and knowledge from biophysical, psychosocial, political, ethical, technical, analytical, cultural, spiritual, environmental, and organizational realms.
- 2. Promote culturally sensitive, holistic advanced nursing practice care and services in a global community, with emphasis on disease/illness prevention and health/wellness promotion as well as restoration and maintenance.
- 3. Synthesize leadership skills, systems analysis, and advocacy expertise.
- 4. Integrate clinical expertise and competence with population-focused management, evidence-based practice, and health care policy.
- 5. Analyze health-related information systems and technology for the improvement of health care.
- 6. Develop, implement and evaluate evidence-based approaches to advanced nursing practice.
- 7. Evaluate the outcomes of advanced nursing practice.
- 8. Apply clinical scholarship and leadership skills to advanced nursing practice.
- 9. Evaluate personal scholarship, professional growth, and excellence in practice.

Post-MSN Nursing Administration - Graduate Certificate

(Code 700-607)

The College of Nursing and Health Sciences post-master's certification program is designed to meet the needs of master's-prepared nurses returning to the university for credit-bearing nurse educator or nurse administrator role preparation courses.

Admission Requirements:

1. Successful completion of a nationally accredited nursing master's degree program with a GPA of 3.00 or higher.
2. Wisconsin Registered Nurse licensure.

NOTE: Examples of national accreditation for nursing programs include CCNE, NLN, and ACEN.

Nursing Administration

Code	Title	Credits
NRSG 750	Nursing Administration I	6
NRSG 751	Nursing Administration II	7

Post-MSN Nursing Education - Graduate Certificate

(Code 700-608)

The College of Nursing and Health Sciences post-master's certification program is designed to meet the needs of master's-prepared nurses returning to the university for credit-bearing nurse educator or nurse administrator role preparation courses.

Admission Requirements:

1. Successful completion of a nationally accredited nursing master's degree program with a GPA of 3.00 or higher.
2. Wisconsin Registered Nurse licensure.

NOTE: Examples of national accreditation for nursing programs include CCNE, NLN, and ACEN.

Nursing Education

Code	Title	Credits
NRSG 730	Nursing Education I	6
NRSG 731	Nursing Education II	7

Students should consult with the Nursing Graduate Programs Director for further information and requirements. Although not required for the nursing education post-master's certificate, students are encouraged to take NRSG 709 and NRSG 703 if they have not already had similar courses.

Philosophy and Religious Studies

Hibbard 632
715-836-2545

Department Website (<https://www.uwec.edu/academics/college-arts-sciences/departments-programs/philosophy-religious-studies/>)

The Philosophy and Religious Studies Department offers graduate-level course work, but no graduate degree programs.

Graduate Faculty

Steven Fink, Ph.D.
Troy Kozma, Ph.D.
Sean McAleer, Ph.D. (Chair)
Matthew Meyer, Ph.D.
Kristin P. Schaupp, Ph.D.

No graduate degree programs offered.

Physics and Astronomy

Phillips 230
715-836-3148

Department Website (<https://www.uwec.edu/academics/college-arts-sciences/departments-programs/physics-astronomy/>)

The Physics and Astronomy Department offers graduate-level course work, but no graduate degree programs.

Graduate Faculty

Matthew Evans, Ph.D.
Lyle Ford, Ph.D.
J. Erik Hendrickson, Ph.D. (Chair)
Nathan Miller, Ph.D.
Elizabeth Radue, Ph.D.
James Rybicki, Ph.D.
Paul Thomas, Ph.D.
Scott Whitfield, Ph.D.
William Wolf, Ph.D.

No graduate degree programs offered.

Political Science

Hibbard 401
715-836-5744

Department Website (<https://www.uwec.edu/academics/college-arts-sciences/departments-programs/political-science/>)

The Political Science Department offers graduate-level course work, but no graduate degree programs.

Graduate Faculty

Ali Abootalebi, Ph.D.
Rodd Freitag, Ph.D.
Margaret Gilkison, Ph.D.
Ming-Li Hsieh, Ph.D.
Eric Kasper, Ph.D.
Mia Kelly, Ph.D.
Damir Kovacevic, Ph.D.
Adam Kunz, Ph.D.
Justin Patchin, Ph.D.
Geoffrey Peterson, Ph.D. (Chair)
Jason Spraitz, Ph.D.
Amber Wilson, Ph.D.

No graduate degree programs offered.

Psychology

Hibbard 277
715-836-5733
Department Website (<https://www.uwec.edu/academics/college-arts-sciences/departments-programs/psychology/>)

The Psychology Department offers the Master of Science in Education in School Psychology, the Education Specialist in School Psychology, and graduate-level course work.

Graduate Faculty

- Michael Axelrod, Ph.D.
- Lori Bica, Ph.D.
- April Bleske-Rechek, Ph.D.
- Melissa Coolong-Chaffin, Ph.D.
- Mickey Crothers, Ph.D.
- Jeffrey Goodman, Ph.D. (Chair)
- Jarrold Hines, Ph.D.
- Stacey Jackson, Ph.D.
- David Jewett, Ph.D.
- Kevin Klatt, Ph.D.
- Carla Lagorio, Ph.D.
- Mary Beth Leibham, Ph.D.
- David Leland, Ph.D.
- Douglas Matthews, Ph.D.
- Jennifer Muehlenkamp, Ph.D.
- David Sparkman, Ph.D.
- Mary Beth Tusing, Ph.D. (Program Director)
- Christine Vriesema, Ph.D.

Graduate Programs

- School Psychology - Master of Science in Education
- School Psychology - Education Specialist

School Psychology - Education Specialist

(Code 442-805)

The School Psychology program is a three-year sequence of training which leads to the Ed.S. degree and license to practice school psychology in the public schools. School psychologists apply expertise in mental health, learning, and behavior to help children and youth succeed academically, socially, behaviorally, and emotionally. To meet these goals, the training of school psychologists is quite extensive. Training includes preparation in data-based decision-making; collaboration and consultation; student-level and system-level educational and mental health services; family partnerships; ethics, law and legal issues; research and program evaluation; and culturally competent practice. While employment in the public schools is the primary focus of this training program, some graduates have sought employment in institutional settings, guidance clinics, post-high school educational settings, or pursued study at the doctoral level.

As undergraduates, applicants to the school psychology program are encouraged to complete the following courses: statistics, behavior modification, developmental psychology, and research methods. Although a psychology major is strong preparation for the school psychology program,

majors in education, communication sciences and disorders, social work, and nursing are also considered for admission.

Applicants must submit an application, three letters of reference (at least two from faculty), a written personal statement (describe relevant experiences, personal strengths, and professional goals), complete undergraduate transcripts of coursework, and the general aptitude scores of the Graduate Record Examination.

The Ed.S. Degree Phase, consisting of 37 graduate credits, provides the student with additional background in applied research, education foundations and methods, and advanced practica in the delivery of school psychological services. Students are placed in the public schools and in the on-campus interdisciplinary clinic. They also complete a multicultural practicum in a diverse educational setting. Students must register for and pass the National Association of School Psychologists Praxis II Examination. This examination is usually taken during the second semester of the second year. Upon passing the Praxis II examination and successful completion of all requirements during the first two years of the program, except the capstone or thesis, students are recommended for the initial license in school psychology. They also are eligible to enroll in PSYC 787 Internship in School Psychology if the capstone has been completed.

The internship is the capstone of the school psychology training program: it provides a placement, usually salaried, in a full-time (minimum of 1,200 hours) supervised, professional work experience. The Ed.S. degree is conferred upon successful completion of all program requirements, including the internship and either an Education Specialist capstone or Education Specialist thesis. Upon conferral of the Ed.S. degree, students are eligible to apply for national certification in school psychology (NCSP).

Ed.S. School Psychology Degree

Code	Title	Credits
PSYC 566	Statistical Methods in Psychology II	3
PSYC 725	Counseling I	2
PSYC 784	Multicultural Practicum in School Psychology	1
PSYC 785	Practicum: School Psychology	3
PSYC 786	Practicum: Clinical Settings (1 cr + 3 crs)	4
PSYC 787	Internship in School Psychology (3 crs fall + 3 crs spring)	6
PSYC 796	Evidence-based Intervention in School Psychology	3
PSYC 799	Thesis (with oral defense) ¹	3
or		
PSYC 727	Education Specialist Capstone (with oral defense) ¹	

The following courses from Education Studies courses are required:

ES 585	Social Foundations: Human Relations	3
ES 690	Historical, Legal, and Philosophical Foundations of Education	3

An additional 6 credits from the following options are also required:

SPED 530	Introduction to Specific Learning Disabilities (3 crs)	
SPED 550	Introduction to Emotional/Behavioral Disabilities (3 crs)	

SEIP 602	Collaboration for Student Success
ES 657	Middle Grades Literacy and Assessment (3 crs)
Total Credits for Ed.S. Degree	
37	

¹ A maximum of 3 credits of PSYC 799 or PSYC 727 can be used to count toward the 37 required credits.

School Psychology - Master of Science in Education

(Code 442-803)

The School Psychology program is a three-year sequence of training which leads to the Ed.S. degree and license to practice school psychology in the public schools. School psychologists apply expertise in mental health, learning, and behavior to help children and youth succeed academically, socially, behaviorally, and emotionally. The training of school psychologists is quite extensive. Training includes preparation in data-based decision-making; consultation and collaboration; student-level and systems-level interventions; family partnerships; ethics, law and legal practices; research and program evaluation; and culturally competent practice. While employment in the public schools is the primary focus of this training program, some graduates have sought employment in institutional settings, guidance clinics, post-high school educational settings, or pursued study at the doctoral level.

Applicants must submit an application, three letters of reference (at least two from faculty), a written personal statement (describe relevant experiences, personal strengths, and professional goals), complete undergraduate transcripts of coursework, and the general aptitude scores of the Graduate Record Examination.

The M.S.E. Degree Phase of the program provides the student with the academic background, introduction to research, professional seminars, and beginning practica in assessment and intervention skills. To complete the degree phase and earn the M.S.E.—School Psychology degree, the student must complete all first year required coursework, have a minimum of 31 graduate credits, earn a GPA of at least 3.00, and pass a written comprehensive examination.

M.S.E. School Psychology Degree

Code	Title	Credits
PSYC 580	Introduction to Behavior Modification	3
PSYC 625	Applications of Psychology in Educational Settings	3
PSYC 632	Advanced Developmental Psychopathology of Childhood and Adolescence	3
PSYC 692	The Professional Practice of School Psychology: Role, Function, Ethics, and Legal Issues	3
PSYC 760	Psychoeducational Assessment I and II (4 crs each)	8
PSYC 761	Practicum in Assessment	2
PSYC 781	School Based Consultation	3
PSYC 785	Practicum: School Psychology	3
PSYC 792	Research and Program Evaluation in School Psychology	3

Written Comprehensive Exam

Total Credits for M.S.E. Degree

31

Social Work

Human Sciences and Services 253

715-836-4435

Department Website (<https://www.uwec.edu/academics/college-education-human-sciences/departments-programs/social-work/>)

Graduate Faculty

Leah Olson-McBride, Ph.D. (Chair)

Lisa Quinn-Lee, Ph.D.

Jamie Tester, J.D.

Aaron Willis, Ph.D.

No graduate degree programs offered.

Sociology

Hibbard 629

715-836-2720

Department Website (<https://www.uwec.edu/academics/college-arts-sciences/departments-programs/sociology/>)

The Sociology Department offers graduate-level course work, but no graduate degree programs.

Graduate Faculty

Kati Barahona-López, Ph.D.

Melissa Bonstead-Bruns, Ph.D.

Margaret L. Cassidy, Ph.D.

Jeff S. Erger, Ph.D.

Pamela J. Forman, Ph.D. (Chair)

Peter Hart-Brinson, Ph.D.

Jianjun Ji, Ph.D.

Tarique Niazi, Ph.D.

Kathleen A. Nybrotten, Ph.D.

No graduate degree program offered.

Special Education and Inclusive Practices

Centennial Hall 3723

715-836-5352

Department Website (<https://www.uwec.edu/academics/college-education-human-sciences/departments-programs/teacher-education-program/departments/special-education/>)

The special education programs in the Department of Special Education and Inclusive Practices 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, while others may engage in research, develop curricular and instructional materials, or lead in-service teacher training.

The Department of Special Education and Inclusive Practices offers graduate-level course work but no graduate degree programs. The department does offer a graduate certificate for Director of Special Education and Pupil Services.

Graduate Faculty

Angela Dalhoe, Ph.D.
Angela Jones, Ph.D.
Roderick Jones, Ph.D.
Barbara Meier, Ph.D. (Chair)
Karsten Powell, Ed.D.
Kirstin Rossi, Ed.D.
Cathy A. Thorsen, Ed.D. (DSEPS Program Coordinator)

Certificates

- Certificate: Director of Special Education & Pupil Services

Director of Special Education & Pupil Services, Certificate

(Code 950-604)

This 15-credit certificate/certification program has been approved by the Wisconsin DPI as preparation for License 80. This is a one-year program that begins each June. Applications are due by March 15. For details, see the Education program section on the Continuing Education website, www.uwec.edu/ce (<https://ce.uwec.edu/>).

Code	Title	Credits
SPED 782	Special Education Law	3
SPED 786	Systemic Leadership & Ethics	3
SPED 787	Leadership in Special Education and Pupil Services	3
SPED 788	Special Education and Pupil Services Budget & Finance	3
SPED 789	Practicum: Leadership in Special Ed & Pupil Services	3
Total Credits		15

A Master's degree in Special Education, School Psychology, School Counseling, Social Work, or other pupil services professions as well as a current Professional/Teaching License in the aforementioned pupil services professions is required. Students must have three years successful full time classroom teaching in special education OR successful experiences as pupil services professionals including at least 540 hours documented classroom teaching of children with special education eligibility.

Students must earn a B or higher in each course in order to continue in the DSEPS Certificate program and maintain a minimum total GPA of 3.0 for graduate level coursework.

Women's, Gender, and Sexuality Studies

Hibbard 384
715-836-5717
Program Website (<https://www.uwec.edu/academics/college-arts-sciences/departments-programs/womens-gender-sexuality-studies/>)

The Women's, Gender, and Sexuality Studies Program offers graduate-level course work, but no graduate degree programs.

Graduate Faculty

Rose-Marie Avin, Ph.D. (Program Director)
Josephine Kipgen, Ph.D.
Rae Langes, Ph.D.
Kong Pheng Pha, Ph.D.

No graduate degree programs offered.

COURSE DESCRIPTIONS

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
700A-799A ²	courses open to students in accelerated master's program for undergraduate credit
500-699 ¹	junior-senior courses approved for graduate credit
700-799 ²	courses open only to graduate students
800-899	course open only to Doctor of Nursing Practice (DNP) students

¹ Graduate students in such courses are required to meet expectations beyond those required of undergraduates. These expectations will vary and may include, but are not limited to: additional readings, oral presentations, additional or more sophisticated experiments or research, and additional written work. 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 advisor.

² Students approved for participation in an approved dual bachelor's and master's degree program are eligible to enroll in specific 700-level courses.

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
BME	Biomedical Engineering
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
DS	Data Science
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
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
LANG	Languages
LAS	Latin American and Latinx 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
MSE	Materials Science and Engineering
MSL	Military Science and Leadership
MUED	Music Education
MUSI	Music
NRSNG	Nursing
PHIL	Philosophy
PHYS	Physics

POLS	Political Science
PSYC	Psychology
PH	Public Health
PSAS	Professional Studies Arts and Sciences
RELS	Religious Studies
RUSS	Russian
SEIP	Special Education and Inclusive Practices
SOC	Sociology
SPAN	Spanish
SPED	Special Education
SW	Social Work
THEA	Theatre Arts
UEC	Unified Early Childhood
UEM	Unified Elementary/Middle
UWX	UW Collaborative Online A.A.S. Degree
WGSS	Women's, Gender, and Sexuality Studies
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 - University 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

UW Collaborative Online Associate of Arts and Sciences Degree Program Attributes

HC	Knowledge of Human Cultures
NW	Knowledge of the Natural World
CC	Critical and Creative Thinking
EC	Effective Communication
IK	Intercultural Knowledge and Competence
ER	Individual, Social and Environmental Responsibility
ES	Ethnic Studies/Diversity
LS	Lab Science
QL	Quantitative Literacy
DEPTH	Combined with another course fulfills depth requirement

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 Introduction to Accounting (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 accounting 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 (3 crs)

Prerequisite: 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 214 Managerial Accounting (3 crs)

Prerequisite: ACCT 201 or ACCT 202, IS 240. Not open to accounting majors. 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. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.*

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 296 Topics in Accounting (1-3 crs)

Prerequisite: Limited to accounting majors and minors.

Covers a variety of topics to be determined by faculty interest and student demand.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

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.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 302 Intermediate Accounting II (3 crs)

Prerequisite: ACCT 301

Development and implementation of the conceptual and practical aspects of valuation and income determination, with emphasis on intangible assets, retained earnings and contributed capital, diluted earnings per share, pensions, leases, deferred taxes, current and long-term liabilities, statement of cash flows, financial 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 313 Auditing (3 crs)

Prerequisite: ACCT 302, BCOM 206. 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. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.*

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 214 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.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 321 Individual Federal Income Taxation (3 crs)

Prerequisite: ACCT 202. Limited to accounting majors and minors, and finance majors. Minimum junior standing.

- This course requires access to a laptop computer which can be brought to class when required. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.

Federal taxation on individuals including gross income, exclusions, deductions, exemptions, capital gains and property transactions. Tax return problems and tax research are included in this course.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 396 Topics in Accounting (1-3 crs)

Prerequisite: BCOM 206. Limited to accounting majors and minors.

Covers a variety of topics to be determined by faculty interest and student demand.

Repeat: Course may be repeated for a maximum of 6 credits

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.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 403 Financial Accounting Integration (3 crs)

Prerequisite: ACCT 302

- This course requires access to a laptop computer which can be brought to class when required. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.

This course covers a variety of complex topics in financial accounting and reporting and is designed for students who expect entering to accounting practices and/or preparing for a CPA exam.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 405 International Accounting (3 crs)

Prerequisite: ACCT 302, 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 415 Advanced Auditing and Consulting (3 crs)

Prerequisite: ACCT 313, BCOM 206, BCOM 207. Minimum senior standing.

- This course requires access to a laptop computer which can be brought to class when required. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.

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, BCOM 206, BCOM 207. Minimum senior standing.

- This course requires access to a laptop computer which can be brought to class when required. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.

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 420 Fraud Investigation and Prevention (3 crs)

Prerequisite: ACCT 302, ACCT 313, BCOM 206, BCOM 207. Minimum senior standing.

- This course requires access to a laptop computer which can be brought to class when required. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.

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 Corporate, Partnership, and Other Entity Tax (3 crs)

Prerequisite: BCOM 206, BCOM 207. Minimum senior standing.

- This course requires access to a laptop computer which can be brought to class when required. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.

Federal income taxation of entities including C corporations, partnership, and other business forms of taxation. Emphasis is on the Internal Revenue Code as it relates to business entities.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 425 Ethics in Accounting (3 crs)

Prerequisite: ACCT 313, 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 434 Advanced Cost Accounting (3 crs)

Prerequisite: ACCT 314

A continuation of Accounting 314, 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 460 Accounting Information Systems and Technology (3 crs)

Prerequisite: ACCT 302. 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. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.*

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 470 Data Analytics for Accounting (3 crs)

Prerequisite: ACCT 313

- *This course requires access to a laptop computer which can be brought to class when required. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.*

This course addresses the impact of Data Analytics on business, especially on financial accounting and audit. This course is lab oriented and will cover lab practices to solve business and accounting problems using Excel, Tableau, Power BI, and Access.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ACCT 495 Accounting Internship (1-12 crs)

Prerequisite: Limited to accounting majors. Completion of Student Professional Development Program (SPDP).

Consent: Department Consent Required

- *A maximum of twelve credits is allowed. A maximum of 5 credits can count towards the Accounting major and graduation requirements.*

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 12 credits

Grading Basis: A-F Grades Only

ACCT 496 Topics in Accounting (1-3 crs)

Prerequisite: Limited to accounting majors and minors.

Covers a variety of topics to be determined by faculty interest and student demand.

Repeat: Course may be repeated for a maximum of 6 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

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 IIIG 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 I (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, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
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 I (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 244 American Indian Literature of Healing (3 crs)

Introduction to Indigenous philosophies around illness and narratives of healing as we read and discuss a variety of American Indian literary forms: fiction, non-fiction, poetry, and traditional Indigenous narratives. We will pay special attention to historical and cultural contexts that both predicate illness and indicate pathways to healing and balance within the self and the community.

Attributes: LE-DDIV Design for Diversity, LE-K4 Fine Arts, LE-R1 Equity, Diversity, and Inclusivity
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 257 Tribal Nation Governments (3 crs)

Introduces students to Tribal governments as they exist today, including governmental structure, common business practices, citizenship, jurisdiction and interaction with other governments. Addresses the impacts of government policies and legal decisions on Tribal governments.

Attributes: LE-K3 Humanities
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

AIS 260 Chippewa Reserved Treaty Rights (3 crs)

This course is an in-depth study of the Chippewa treaties and addresses usufructuary rights and how treaties extend to issues such as pipelines and mining.

Attributes: LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
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 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, 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
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 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)

- *Credit may not be earned in both ARTH 337 and AIS 337.*

A study of art created during the Inka Empire and the early Spanish Empire in western South America.

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 343 Contemporary American Indian Communities (3 crs)

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, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity, LE-R3 Civic and Environmental Issues, 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 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

AIS 368 Studies in American Indian History (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

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

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 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. Major GPA of 3.00 required

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: One course in AIS or one course in LAS or ES 385 or ENGL 368 or HMNG 101 or HMNG 102 or HUMS 110 or consent of instructor

- *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

Lab/Studio Hours: 0

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 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

AIS 543 Contemporary American Indian Communities (3 crs)

- *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 (3 crs)

- *Cross-listed with AIS/HIST 368/568. 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

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

AIS 569 Wisconsin Indian History (3 crs)

- *Cross-listed with AIS/HIST 369/569. 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: One course in AIS or one course in LAS or ES 385 or ENGL 368 or HMNG 101 or HMNG 102 or HUMS 110 or consent of instructor

- *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, LE-I1 Integration, LE-K2 Social Sciences

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ANTH 234 Museum Curation (3 crs)

- *No credit if take after ANTH 291 when offered as Museum Curation.*

Provides students with the necessary background to curate museum collections.

Attributes: LE-S3 Creativity, Field Trip(s) Required

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-DDIV Design for Diversity, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Seminar Hours: 0

ANTH 313 Culture and Transnational Dynamics (3 crs)

Prerequisite: Minimum sophomore standing or instructor consent. Credit may not be earned in both GEOG/ANTH 313/513 and GEOG/ANTH 351.

- *Credit may not be earned in both ANTH 313 and GEOG 313.*

Critical discussion of conceptual approaches to cultural processes, differences, and encounters from a transnational perspective.

Attributes: Foreign Culture, Cultural Diversity 1 cr., GE IIIA Social Science-Anthropology, LE-K2 Social Sciences, LE-R2 Global Perspectives, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ANTH 315 Language in Culture and Society (3 crs)

Prerequisite: Minimum junior standing or consent of instructor

Examination of the rules and patterns for speech behavior in a variety of socio-cultural formations. Language as expressive and formative of social status, social identity, and group membership. Study of multilingualism and language planning.

Attributes: Foreign Culture, Cultural Diversity 1 cr., GE IIIA Social Science-Anthropology, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity, LE-R2 Global Perspectives, 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 III Social Science
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 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/GEOG 312/512. 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: 3

Seminar Hours: 0

ANTH 513 Culture and Transnational Dynamics (3 crs)

Prerequisite: Credit may not be earned in both ANTH/GEOG 313/513 and ANTH/GEOG 351.

• *Cross-listed with ANTH/GEOG 313/513. Credit may only be earned in one of these courses.*

Critical discussion of conceptual approaches to cultural processes, differences, and encounters from a transnational perspective.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

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 socio-cultural formations. Language as expressive and formative of social status, social identity, 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 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.*

Visual arts survey to develop awareness and appreciation of theories, methods, and components of art within cultural and historical frameworks.

Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ART 107 Foundations: Drawing and Composition (3 crs)

Prerequisite: Limited to art majors and minors or students enrolled in a UW-Eau Claire Barron County program

Introduction to freehand observational drawing and visual composition using a variety of materials and techniques.

Attributes: Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 108 Foundations: Two-Dimensional Design (3 crs)

Fundamental development of the effective use of design elements and principles in visual compositions applied through a variety of materials and techniques.

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 or students enrolled in a UW-Eau Claire Barron County program.

Introduction to three-dimensional methods and materials. Includes historical and contemporary perspectives of 3-D art.

Attributes: Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 240 Intermediate Drawing (3 crs)

Prerequisite: ART 107; or consent of instructor

Application of observational and expressive intermediate drawing techniques. Includes an introduction to live figure drawing.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 244 Introduction to Painting (3 crs)

Prerequisite: ART 107; ART 108 or ART 274; or consent of instructor

Exploration of subjects and concepts that introduce the technical and expressive nature of the painting medium.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 249 Introduction to Printmaking (3 crs)

Prerequisite: ART 107; ART 108 or ART 274; or consent of instructor. No credit if taken after ART 250, ART 251, ART 252, or ART 253.

Production of printed media with basic exploration in various printmaking areas. Includes relief, intaglio, serigraphy, and lithography.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 264 Beginning Sculpture (3 crs)

Prerequisite: ART 107 and ART 110; or consent of instructor

Hands-on exploration of a variety of materials, techniques, and concepts related to contemporary sculpture.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 274 Compositional Principles of Graphic Design (3 crs)

Prerequisite: Limited to Graphic Communications and Graphic Design comprehensive majors; or consent of instructor

Fundamental understanding of visual perception and public communication relationships in 2D design. Emphasis on graphic software and color systems.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 275 Principles of Typography (3 crs)

Prerequisite: ART 274 or ART 312.

Introduction to typographical letterform structures through basic design principles, practices, and the history of lettering.

Attributes: LE-S3 Creativity, Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 276 Introduction to Visual Identity Design (3 crs)

Prerequisite: ART 107 and ART 274

Investigation and application of symbols and logos for establishing visual identities within the context of graphic communications and design.

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

Interest topics not covered in regular art courses such as specific media subjects, creation procedures, contemporary art concerns, or other issues.

Repeat: Course may be repeated for a maximum of 9 credits

ART 312 Digital Imaging and Design (3 crs)

• No credit for Graphic Communications or Graphic Design comprehensive majors.

Beginning concepts in typography, illustration, and page layout taught with current professional software and computers.

Attributes: GE IV Humanities, 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 244; ART 240 or ART 241

Exploration of the visual narrative using images and text within the context of contemporary illustration.

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 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 Figure Drawing (3 crs)

Prerequisite: ART 240 or ART 241

Develop drawing techniques with various media and enhance personal expression in depicting the human body while observing a live model.

Attributes: Special Course Fee Required

Repeat: Course may be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 342 Illustration Editorials (3 crs)

Prerequisite: ART 240 or ART 241; and ART 244

Investigation of current events, news editorial markets, and promotional markets in relation to illustration.

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 344 Painting: Space and Process (3 crs)

Prerequisite: ART 244

Exploration of painting techniques and processes in relation to pictorial and physical space using various materials.

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 347 Water-Media Process (3 crs)

Prerequisite: ART 247 or ART 244.

Painting approaches utilizing water-media. Emphasis on material processes and experimentation.

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 348 Water-Media Themes (3 crs)

Prerequisite: ART 247 or ART 244.

Application of thematic frameworks using water-media.

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 349 Painting: Conceptual and Aesthetic Strategies (3 crs)

Prerequisite: ART 244

Utilize problem-solving and research strategies with painting techniques to develop individual direction. Emphasis on conceptual development.

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 357 Introduction to Ceramics (3 crs)

Prerequisite: ART 110; or consent of instructor

Introductory experience with basic ceramic techniques and approaches focusing on hand-building, glazing, and firing.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 358 Intermediate Ceramics (3 crs)

Prerequisite: ART 357; or consent of instructor

Application of wheel-throwing techniques as a means of visual expression. Emphasis on glazes, clay, and loading and firing kilns.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 364 Intermediate Sculpture (3 crs)

Prerequisite: ART 264; or consent of instructor

Continuation of contemporary sculptural practices with emphasis on combined methods and techniques of mixed media.

Attributes: Field Trip(s) Required, Special Course Fee Required

Repeat: Course may be repeated for a maximum of 9 credits

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 312 or ART 274, plus two 200-level ART courses; or consent of instructor

Exploration of two-dimensional digital motion graphics. Emphasis on identity applications, internet motion graphics, and animation.

Attributes: Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 374 Visual Communication Design (3 crs)

Prerequisite: ART 275

Application of advanced design principles to develop promotional materials. Emphasis on diversity, equity, and inclusivity in graphic communication.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 375 Digital Design I: Website Development (3 crs)

Prerequisite: ART 275 or ART 312.

Exploration of aesthetic website design and user-interface development using markup languages, creative software, and multimedia integration.

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 Advanced Visual Identity Design (3 crs)

Prerequisite: ART 276 and ART 374

Advanced applications of print-related visual identity systems. Comprehensive projects include research and analysis of social and cultural contexts.

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 377 Digital Painting (3 crs)

Prerequisite: ART 244

Create representational and non-representational artworks with digital software and technologies. Emphasis on conceptual development and discussion.

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

Approved study of a specific studio art or design topic/problem.

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 art project under the direction of an art faculty member involving research and application culminating in a final product or report.

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 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 458 Advanced Ceramics (3 crs)

Prerequisite: ART 357 and ART 358; or consent of instructor

Personal exploration of advanced ceramic forms. Emphasizes professional presentation of artwork. Topics rotate when offered.

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 474 Digital Design II: Multimedia Development (3 crs)

Prerequisite: ART 375, or ART 312, or CS 163, or CS 245, or CS 319; or consent of instructor

Application of visual communication in electronic media. Includes digital animation, music and sound effects, and human-computer interactivity.

Attributes: GE IV Humanities, Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 476 Advanced Graphic Communications (3 crs)

Prerequisite: ART 376 or consent of instructor.

Development of practical and client-based projects related to a variety of graphic communication applications.

Attributes: Service-Learning, Full 30 Hours, Field Trip(s) Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

ART 477 Professional Practices: Graphic Communication (3 crs)

Prerequisite: ART 374 or ART 376

Professional practices and portfolio seminar implementing promotional materials and interview procedures. Supplemental critiques and presentations.

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

Interest topics not covered in regular art courses such as specific media subjects, creation procedures, contemporary art concerns, or other issues.

Repeat: Course may be repeated for a maximum of 9 credits

ART 497 Student Academic Apprenticeship (1-3 crs)

Prerequisite: Limited to art majors. Minimum senior standing.

Consent: Instructor Consent Required

Facilitate teaching in a specific course as supervised by art faculty. Enhance personal knowledge of art and ability to communicate it effectively.

Grading Basis: S/U Only Grade Basis

ART 498 Internship (1-3 crs)

Prerequisite: Limited to art majors.

Consent: Department Consent Required

Applied knowledge and practical experience in professional fields. Work employs technical, analytical, and educational aspects of art and design.

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 art project under the direction of an art faculty member involving research and application culminating in a final product or report.

Repeat: Course may be repeated

ART 595 Directed Studies (1-3 crs)

Consent: Department Consent Required

• *Cross-listed with ART 395.*

Approved study of a specific studio art or design topic/problem.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

ART 797 Independent Study (1-3 crs)

Consent: Department Consent Required

Individual art project under the direction of an art faculty member involving research and application culminating in a final product or report.

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 art and architecture during the 20th century. Emphasizes 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 Survey: Ancient to Medieval Art (3 crs)

Historical survey of art and architecture from ancient Egypt through the Medieval era.

Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts, Field Trip(s) Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ARTH 112 Survey: Renaissance to 20th Century Art (3 crs)

Historical survey of art and architecture from the 13th to 20th 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 art and architecture from various medieval historical periods. Emphasis on the late Roman Empire to the Italian Renaissance (c. 400-1400 CE).

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 291 Special Topics (1-3 crs)

Consent: Instructor Consent Required

Interest topics not covered in regular art history courses such as historical themes, period studies, national/regional traditions, or other focuses.

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 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 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)

• *Credit may not be earned in both ARTH 337 and AIS 337.*

A study of art created during the Inka Empire and the early Spanish Empire in western South America.

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 350 Travel Opportunities in Art (1-6 crs)

Consent: Instructor Consent Required

- *Fee variable.*

Travel seminars examining art in this country and abroad. Ranges from field trips to full programs.

Attributes: GE IV Humanities, Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

ARTH 385 Photography: History and Theory (3 crs)

Survey examining ideas, processes, and theories within the history of still photography for the past and present. Defines relationships between the medium and other contemporary events that have shaped the nation and world.

Attributes: GE IVA Humanities-Fine Arts, LE-K4 Fine Arts, Field Trip(s) Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ARTH 389 Methodologies of Art History (3 crs)

Prerequisite: ARTH 111 and ARTH 112.

Survey of major methodologies and approaches used by art historians 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 9 credits art history.

Consent: Department Consent Required

Approved study of a specific art historical problem or topic.

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

Interest topics not covered in regular art history courses such as historical themes, period studies, national/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 Travel Opportunities in Art (1-6 crs)

Consent: Department Consent Required

- *Cross-listed with ARTH 350. Fee variable.*

Travel seminars examining art in this country and abroad. Ranges from field trips to full programs.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Biology (BIOL)

BIOL 104 Marine Biology (3 crs)

- *No credit toward biology major or minor.*

Examination of major marine ecosystems and their inhabitants, the anthropogenic factors contributing to their endangerment and the efforts being made to conserve them.

Attributes: GE IIA Natural Science-Biology, LE-K1 Natural Sciences, LE-R3 Civic and Environmental Issues

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

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 106 Exploring the Living World (2 crs)

- *No credit toward biology major or minor.*

A lab and discussion course introducing students to various modes of inquiry in modern biology, ranging from the molecular to the ecological. Students will work in groups to develop, conduct and write up findings of original research projects.

Attributes: GE IIA Natural Science-Biology, Lab Science, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, LE-S3 Creativity, Special Course Fee Required

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

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 149 The Big Picture in Bioinformatics (1 cr)

Prerequisite: Limited to Bioinformatics majors or consent of instructor.

Explores how a liberal education relates to bioinformatics, the impacts of the field on society, and ethical expectations of the discipline. Provides an overview of bioinformatics looking at the differences between being a user and a developer along with additional technical topics.

Lecture/Discussion Hours: 1

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 or GEOL 204.

• Satisfies Wisconsin conservation requirement for teaching certification 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, Field Trip(s) Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BIOL 181 Environmental Biology and Conservation Lab (1 cr)

Prerequisite: Must be taken with BIOL 180.

• No credit toward biology major or minor if taken after Biol 223.

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, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, Service-Learning Optional, Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 0

Lab/Studio Hours: 2

BIOL 183 Ecology of Sustainable Food Systems (3 crs)

• No credit toward biology major or minor. High school or college biology or environmental science course(s) helpful but not required.

An introduction to the ecological impacts and sustainability of various forms of agricultural systems. Emphasis is on contemporary and regional issues. Students will complete a service learning project with a not-for-profit community organization that applies course concepts.

Attributes: LE-K1 Natural Sciences, LE-R3 Civic and Environmental Issues, Service-Learning, Half 15 Hours

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

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, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

BIOL 196 Human Nutrition (3 crs)

Prerequisite: No credit 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, LE-K1 Natural Sciences

Lecture/Discussion Hours: 2

Lab/Studio Hours: 1

BIOL 214 Human Anatomy and Physiology I (4 crs)

Prerequisite: Grade of C or above in: CHEM 103, or CHEM 105 and CHEM 106, or CHEM 115

• 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, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab

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 CHEM 105 and CHEM 106, 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 151, BIOL 214 or BIOL 221. 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

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 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 109 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.

Attributes: Undergraduate/Graduate Offering

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 109 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 109 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 (5 crs)

Prerequisite: Grades of C or above in BIOL 222 and BIOL 223 or Grades of C or above in BIOL 221 and IDIS 125. No credit if taken after or concurrently with BIOL 317, 350, or 380

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: 4

Lab/Studio Hours: 2

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 II Natural Sciences, 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 323 Genetics (3 crs)

Prerequisite: Grades of C or above in BIOL 222 and BIOL 223, 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 324 Genetics Inquiry (2 crs)

Prerequisite: BIOL 305 or 323; CHEM 104 or 109 or 115; or consent of instructor. No credit after BIOL 300.

A lab/discussion course involving methods of genetic and genomic analysis.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

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 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 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: Grades of C or above in BIOL 222 and BIOL 223, or grade of C or above in BIOL 319

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 (3 crs)

Prerequisite: Grade of C or above in BIOL 318 or BIOL 319, or consent of instructor

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: 2

Lab/Studio Hours: 2

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: 2

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 359 Biology of Stress (3 crs)

Prerequisite: BIOL 222 with a minimum grade of C; OR IDIS 125 with a minimum grade of C AND BIOL 221 with a minimum grade of C

• *Credit for this course can be applied toward the Biology major or minor and the Neuroscience major or minor.*

Exploration of stress response, an important survival mechanism that is found in all vertebrates. Includes an overview of stress, recent literature related to the biological aspects of stress, the wider implications of stress in our society and the ways that we can cope with and minimize stress in our lives.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BIOL 360 Vertebrate Design and Evolution (4 crs)

Prerequisite: BIOL 319

Survey of vertebrate form and diversity, with emphasis on the evolutionary relationships among these groups and the interactions between form, function and ecology.

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

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

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 109 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 Biostatistics (4 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: 3

Lab/Studio Hours: 2

BIOL 384 Biological Investigation (1-3 crs)

Consent: Instructor Consent Required

Designed for students participating in undergraduate/faculty collaborative research projects.

Repeat: Course may be repeated

Lecture/Discussion Hours: 1-3

Lab/Studio Hours: 0

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 (1-3 crs)

Prerequisite: Grades of C or above in BIOL 222 and BIOL 223.

Consent: Instructor Consent Required

Introduction to 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: 1-3

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 400 Medical Microbiology (3 crs)

Prerequisite: BIOL 361

An introduction to microorganisms that cause disease. Topics will include the biology and ecology of medically important fungi, parasites, viruses and bacteria; mechanisms of disease; host responses to microbial infections; treatment and prevention of various disease.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BIOL 402 Current Topics in Virology and Immunology (4 crs)

Prerequisite: BIOL 361

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)

Prerequisite: BIOL 305, BIOL 300 or BIOL 323, and CHEM 326 or instructor consent.

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 305, BIOL 323, 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

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 323, 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 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 489 Biology Honors Thesis (1 cr)

Prerequisite: Must have a resident, total, and biology GPA of at least 3.50

Consent: Instructor Consent Required

• *Student must have a research mentor prior to enrollment.*

Research and writing/preparation of Honors Thesis. Students are expected to make substantial intellectual contributions to the development, implementation, or scholarly interpretation of the project.

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. Minimum senior standing. Limited to biology majors.
 Consent: Instructor Consent Required
• No more than two credits can be counted toward a biology major, comprehensive major or minor. A total of four credits may be taken between this course and BIOL 296. Note: only one S/U course can be applied to a standard major and up to two S/U courses can be applied to a comprehensive major.

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 (4 crs)

Prerequisite: Grades of C or above in BIOL 221, BIOL 222, and BIOL 223; and CHEM 104 or CHEM 109 or CHEM 115 or consent of instructor
• Dual-listed with BIOL 305. No credit after BIOL 305, BIOL 302, 304, 502 or 504

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 109 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 109 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 600 Medical Microbiology (3 crs)

Prerequisite: BIOL 361/561

An introduction to microorganisms that cause disease. Topics will include the biology and ecology of medically important fungi, parasites, viruses and bacteria; mechanisms of disease; host responses to microbial infections; treatment and prevention of various disease.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BIOL 602 Current Topics in Virology and Immunology (4 crs)

Prerequisite: BIOL 361/561

- *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

Biomedical Engineering (BME)

BME 201 Introduction to Biomedical Engineering (2 crs)

Prerequisite: MATH 114

Introduction to the field of biomedical engineering and the role of bioengineers. The class will cover a number of human diseases and discuss biomedical engineering techniques that are being developed to improve healthcare.

Lecture Hours: 2

Lab/Studio Hours: 0

BME 291 Special Topics in Biomedical Engineering (1-3 crs)

Prerequisite: CHEM 105 or CHEM 115; PHYS 231; BME 201

Consent: Instructor Consent Required

- *Field trips optional. A total of no more than nine credits from BME 291 and BME 491 may be applied toward major or graduation.*

Lecture and possibly laboratory or field work in the study of current topics in Biomedical Engineering of special interest to students and faculty.

Repeat: Course may be repeated for a maximum of 9 credits

BME 301 3D Printing in Medicine (3 crs)

This course will introduce students to the emerging use of 3D Printing in medicine. Students will learn the process of taking medical imaging data to the production of physical anatomic models. The course will cover the basics of imaging, methods used to create 3D computer models from imaging data, the processing of imaging files with CAD software and the conversion into files that are compatible with 3D printing.

Lecture Hours: 2

Lab/Studio Hours: 2

BME 320 Clinical Problems in Biomedical Engineering (3 crs)

Prerequisite: BME 201, BIOL 221, and BIOL 314. BIOL 221 and BIOL 314 can be taken concurrently.

Lectures and discussions to investigate advances in the use of engineering approaches to address key clinical problems that exist in the medical field. Engineering topics will include: bioinstrumentation, medical imaging, biomaterials, biomechanics and medical devices. This course builds on the Engineering and Biology principles introduced in BME 201.

Lecture Hours: 3

Lab/Studio Hours: 0

BME 330 Biomedical Engineering Instruments and Measurements w/lab (4 crs)

Prerequisite: BME 320; PHYS 232; MATH 312

Principles and the application of instrumentation that are used for medical measurements and observing physiological variables. The class will focus on the detection of signals, data acquisition and processing, and display of signals. Topics will include; respiration, heart sounds, temperature, and blood pressure. Hands on practical experience with biomedical instrumentation will be included.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

BME 340 Biomaterials (3 crs)

Prerequisite: BME 320 or MSE 350

Introduction to the role of materials used in medicine such as polymers, metals, ceramics, hydrogels, and smart polymers. Discussions of key biological principals involved with using materials in humans will include cell adhesion, extracellular matrix, cell-biomaterial interactions, inflammation and rejection.

Lecture Hours: 3

Lab/Studio Hours: 0

BME 370 Medical Imaging (3 crs)

Prerequisite: BME 330, PHYS 240

Introduction to the engineering, scientific principles and computation associated with medical imaging technologies including; X-ray, computed tomographic, ultrasound, magnetic resonance, and nuclear imaging. A brief overview of optical technologies and biophotonic approaches will be covered.

Lecture Hours: 3

Lab/Studio Hours: 0

BME 395 Directed Studies (1-3 crs)

Prerequisite: Minimum 2.0 GPA in Biomedical Engineering

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 for a maximum of 3 credits

Grading Basis: A-F Grades Only

BME 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 Biomedical Engineering.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

BME 430 Cell and Tissue Engineering w/lab (4 crs)

Prerequisite: BME 320

Introduction to the principles and techniques of cell and tissue engineering. Labs will be focused on growing and manipulating human cell lines and conducting a range of cell biology assays. Experiments on creating 3D engineered scaffolds and associated assays will be conducted.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

BME 450 Medical and Implantable Devices w/lab (5 crs)

Prerequisite: BME 330; BME 340 (or concurrent)

Topics will include the theory and applications of therapeutic implantable devices such as pacemakers, defibrillators, artificial skin, and drug delivery systems. Discussion of the role of host reaction to biomaterials, inflammation, and wound healing. Biological testing of devices and prostheses; medical product development, quality assurance for medical products; FDA and ISO requirements for medical devices will also be included.

Lecture/Discussion Hours: 4

Lab/Studio Hours: 2

BME 460 Biological Systems Analysis (3 crs)

Prerequisite: MATH 312; BME 320; PHYS 240

Computational and mathematical modeling of biological processes (system dynamics and frequency-domain analysis). Topics covered will include population models, metabolic networks, biological oscillation, and dynamics of infectious diseases.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

BME 486 BME Capstone I (2 crs)

Prerequisite: MSE 256 or concurrent enrollment; BME 320; MSE 307; MSE 386 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

BME 487 BME Capstone II (2 crs)

Prerequisite: BME 486

Second of a two-course capstone sequence. Conclusion of student-designed projects accompanied by preparation of multiple technical documents.

Attributes: LE-I1 Integration

Lab/Studio Hours: 0

Seminar Hours: 4

BME 493 Collaborative Internship (1-3 crs)

Prerequisite: 2.50 total GPA; minimum junior standing

Consent: Instructor Consent Required

This course provides students an opportunity to participate in collaborative projects that are performed on campus under the supervision of a faculty member.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

BME 494 Off-campus Biomedical Engineering Internship (1-3 crs)

Prerequisite: 2.50 total GPA; minimum junior standing

Consent: Instructor Consent Required

Off-campus internship with a regional company or other partner, including professional development training and reflection.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

BME 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 Biomedical Engineering.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: A-F Grades Only

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.

An introduction to the business organization, and the roles and functions performed by those who work within the business.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

BSAD 105 Essentials of Accounting (2 crs)

Prerequisite: Credit cannot be earned if taken after ACCT 201 or ACCT 202.

- Credit cannot be counted toward any College of Business major or minor programs.

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.

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.*

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.*

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.*

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.*

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.*

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.*

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.*

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 300 OR MGMT 340.

- *Credit cannot be earned toward any College of Business major or minor programs.*

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.

Grading Basis: A-F Grades Only

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.

Attributes: Special Course Fee Required

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 Equity, Diversity, and Inclusion 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 (3 crs)

Prerequisite: Completion of 54 credits

This course considers legal and ethical issues affecting American business. Students will learn to recognize, prevent, and manage related risks in the legal and regulatory environment in which businesses operate. Students are introduced to the U.S. court system, alternative dispute resolution techniques, and administrative law. Sustainability of business practices, social responsibility, and rights and duties are emphasized through discussion of topics such as environmental law, employment discrimination, torts, agency principles, and related constitutional law principles.

Lecture/Discussion Hours: 3

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.

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 395 Directed Studies (1-4 crs)

Consent: Department Consent Required

BSAD 398 Internship Program I (1-3 crs)

Prerequisite: ECON 103, 104, ACCT 201 OR ACCT 202, IS 240. Minimum junior standing

Consent: Department Consent Required

• *Acceptance in Internship Program. See description under College of Business.*

A maximum of three credits of BSAD 398, MGMT 398, 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-I1 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.

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 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.

- *Students who earn less than a C in BCOM 206 must repeat the course until they earn a C to meet the College of Business communication requirement.*

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 C in BCOM 207 must repeat the course to meet the College of Business communication requirement.*

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 306 Advanced Business Writing (2 crs)

Prerequisite: A grade of C or better in BCOM 206

Further develop your writing skills by creating formal business reports, news releases, instructions, and brochures. Explore writing for print vs. electronic environments.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

BCOM 307 Advanced Business Presentations (2 crs)

Prerequisite: A grade of C or better in BCOM 207

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, 207 with C or better

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 309 Communicating in Workplace Relationships (2 crs)

Prerequisite: BCOM 206 and BCOM 207 with C or better; minimum junior standing

This course is designed to enhance students' understanding of the multiple workplace relationships employees may experience in their organization and to develop the business communication skillset necessary to navigate these relationships. Particular emphasis is placed on experiential learning to improve students' ability to communicate successfully in workplace relationships. Students will author a business communication case study and lead peers through a discussion of the case, conduct informational interviews with full-time working adults on their experiences in workplace relationships and provide an analysis of those experiences, use articles to generate recommendations on how to communicate competently in workplace relationships, and develop and facilitate a training workshop designed to improve some aspect of workplace relationships.

Grading Basis: A-F Grades Only

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. 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, 207 with C or better

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, 207 with C or better; 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-I1 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, 207 with C or better; 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

Chemistry (CHEM)

CHEM 100 Chemistry: Issues and Answers (3 crs)

Prerequisite: No credit if taken after CHEM 101, 103, 105, 106 or 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 105 General Chemistry I Lecture (3 crs)

Prerequisite: MATH 20 or a suitable mathematics placement test score. High School chemistry completed. No credit if taken after CHEM 103 or CHEM 115

- If taking both CHEM 105 and CHEM 106, concurrent enrollment strongly recommended.

Principles of chemistry, including atomic structure, physical and periodic properties, structure and bonding, reactions, thermochemistry, and stoichiometry.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CHEM 106 General Chemistry I Laboratory (2 crs)

Prerequisite: MATH 20 or a suitable math placement score. High School chemistry completed. CHEM 105 or concurrent enrollment. No credit after CHEM 103 or 115

A general chemistry lab/discussion experience. Gases, reactions, stoichiometry, solution chemistry, thermochem. Data collection, management, and interpretation.

Attributes: LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, Special Course Fee Required

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

CHEM 109 General Chemistry II with Lab (4 crs)

Prerequisite: Grade of C or above in both CHEM 105 and CHEM 106; or Grade of C or above in CHEM 103; No credit if taken after CHEM 104 or CHEM 115
Solution properties and intermolecular forces; equilibrium, thermodynamic and kinetic aspects of chemical reactions; acid-base, precipitation, and redox reactions.

Attributes: 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 103, 104, 106, 109.

- See Note 3 regarding strong performance in high school chemistry under "Information for All Students about General Chemistry Placement" on the Chemistry Department catalog overview page.

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 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 II Natural Sciences, 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, CHEM 105 and 106, or CHEM 115. No credit if taken after CHEM 325 or CHEM 452.

- 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, LE-K1 Natural Sciences

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CHEM 161 Chemistry and Culture of Food and Cooking (3 crs)

- No credit toward chemistry major or minor.

This course will focus on the chemistry of food and cooking but will also examine historical and cultural aspects of food.

Attributes: GE IIB Natural Science-Chemistry, LE-I1 Integration, LE-K1 Natural Sciences, Special Course Fee Required

Lecture Hours: 3

Discussion 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 109 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 109 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 109 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 109 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, LE-K1 Natural Sciences, LE-R3 Civic and Environmental Issues

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CHEM 318 Bioinorganic Chemistry (3 crs)

Prerequisite: CHEM 218 and 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 109 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 II Natural Sciences, 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 344 Modern Applied Separations and Spectrometry (2 crs)

Prerequisite: Prerequisite: CHEM 213; Prerequisite or Concurrent Enrollment: CHEM 218 and CHEM 326

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 for baccalaureate-level careers in chemical industry.

Attributes: Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

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 221 or CHEM 352 or CHEM 452.

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 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 (3 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: 8

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 433

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 452 Biochemistry I (3 crs)

Prerequisite: BIOL 221, BIOL 223, and CHEM 326. No credit after CHEM 352.

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 352 or CHEM 452. CHEM 352 or CHEM 452 can be taken concurrently.

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 490 Chemistry Internship (1-6 crs)

Prerequisite: A minimum of six earned credits in CHEM courses numbered 200 or above. A minimum 2.5 GPA in CHEM courses.

Consent: Instructor Consent Required

A supervised on-the-job experience in the chemical industry or other chemistry- or biochemistry-related workplace.

Repeat: Course may be repeated for a maximum of 6 credits

Lab/Studio Hours: 0

Independent Study Hours: Variable

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.

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 - Research Manuscript (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, with a substantial, culminating written report. The report is typically in a professional, journal-article format, with an extensive bibliography, and a significant body of original work. This course is typically taken after 399 and/or 499.

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 652 Biochemistry I (3 crs)

Prerequisite: BIOL 221, BIOL 223, and CHEM 326. 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, LE-R2 Global Perspectives

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, LE-R2 Global Perspectives

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

CHIN 301 Technology and Sustainability in China (3 crs)

Prerequisite: CHIN 202 or suitable placement score (196 and above) on Chinese Placement Exam.

This course is designed to improve students' Chinese language proficiency (listening, speaking, reading, writing) and cultural understanding through a variety of topics on technology and sustainability. Class delivery will be interactive and students will be encouraged to draw on their academic interests and personal experiences in discussions and projects.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

Collaborative Nursing (CND)

CND 310 Bridge to Professional Nursing (2 crs)

Consent: Department Consent Required

- *Distance education fee for students in Marshfield section.*

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, Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

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

• *BSN Completion Program, Higher Cost per Credit*

Philosophical perspectives, theories, and standards are applied to the practice of professional nursing. Factors influencing nursing/health care delivery are analyzed. Professional communication and critical thinking skills are enhanced.

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.

• *Distance education fee for students in Marshfield section.*

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, Field Trip(s) Required, BSN Completion Program, Special

Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 6

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

Grading Basis: A-F Grades Only

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 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, LE-S3 Creativity

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 WGSS 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

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)

- No credit toward major or minor in Journalism, Integrated Strategic Communication or Organizational Communication if taken after CJ 203.

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)

- No credit toward major or minor in Journalism, Integrated Strategic Communication or Organizational Communication 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)

- No credit toward Communication Studies major. No credit toward Journalism major or minor, Integrated Strategic Communication major or minor, Organizational Communication major or minor or 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)

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. Grade of C or above CJ 184.

•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: Completion of University Writing Requirement. Minimum sophomore standing.

• Students completing an integrated strategic communication major, minor, or certificate are encouraged to take CJ 184: Multimedia Communication prior to, or concurrent with, CJ 260.

Introduces students to how organizations use strategic communications to connect with audiences, build reputation, and manage their brand.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 1

CJ 272 Social Media and Communication (3 crs)

Examination and application of strategic use of social media in interpersonal, professional and global contexts.

Attributes: LE-I1 Integration, LE-K2 Social Sciences

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

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: 3

Lab/Studio Hours: 0

CJ 280 Visual Communication (3 crs)

Visual communication is central to shaping culture, representational politics, and the circulation of ideas. This course will enhance one's visual literacy and critical awareness through various theories and methodologies (i.e.: representational issues (desire, power, the gaze, bodies, sexuality, and ethnicity), race, and decolonial thinking).

Attributes: GE IA Communication-Language Arts, LE-S3 Creativity

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 one of the following: CJ 206, CJ 222, CJ 250, CJ 260, CJ 265, or CJ 270. Limited to communication, journalism 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 306 Topics in Advanced Interpersonal Communication (3 crs)

Prerequisite: Minimum sophomore standing

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: 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: Minimum sophomore standing.

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 WGSS 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: Minimum sophomore standing.

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)

Introduction to contemporary and digital media phenomena from the point of view of researchers, professionals, and critics.

Attributes: GE IA Communication-Language Arts, LE-K2 Social Sciences, LE-R2 Global Perspectives

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: 1

Lab/Studio Hours: 4

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: CJ 307 or MGMT 340. CJ 307 or MGMT 340 can be taken currently. Grade of C or above in CJ 300 or MATH 246 or POLS 290 or PSYC 271 or SOC 332.

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: Minimum sophomore standing.

• CJ 250 or CJ 260 or CJ 265 or CJ 270 recommended prior to enrollment.

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 or 203, and CJ 250 or CJ 207, 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: Minimum junior standing.

Theories, skills, and strategies needed to become an effective communicator in business and professional settings. Special attention given to employment communication, interviewing, and business writing 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 Integrated Strategic Communication (3 crs)

Prerequisite: Grade of C or above in CJ 260 or CJ 265 or CJ 270 and also a grade of C or above in CJ 300. Completion of University Writing Req. Limited to communication, journalism, and integrated strategic communication majors and minors. Minimum soph standing.

Instruction and practice designed to develop techniques of creative and persuasive message preparation for integrated strategic communication. Extensive practice in professional writing for print, electronic, internet/social media vehicles in the disciplines of advertising, public relations, sales promotion and direct marketing.

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 C 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 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 or CJ 203. 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 425 Advanced Visual Journalism (3 crs)

Prerequisite: CJ 284 or ART 281, or consent of instructor.

- *Students must have access to a 35mm DSLR camera.*

An advanced course that explores effective lens-based visual journalism for a variety of print and digital media publications. Students will create a portfolio of work that applies journalism's best practices from a variety of newsworthy events. Post production process includes editing and creating deliverables for distribution.

Attributes: Special Course Fee Required

Grading Basis: A-F Grades Only

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 300 or 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 300 or 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 or CJ 413.

- *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: LE-I1 Integration, LE-S3 Creativity, 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 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-I1 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: Minimum junior 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 250 or CJ 222 or CJ 207 or ENPH 225. 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 C or above in two of CJ 362, 365, 374, 380 or CJ 460. Limited to integrated strategic communication majors.

- *Capstone experience for integrated strategic communication majors.*

Application of Integrated Strategic Communication to a case. Emphasis on planning, message analysis, and multimedia production. Practicum.

Attributes: LE-I1 Integration, LE-S3 Creativity, Service-Learning, Full 30 Hours, Capstone Course

Lab/Studio Hours: 0

Practicum Hours: 3

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 518 Topics in Communication and Social Advocacy (3 crs)

Prerequisite: CJ 307 or consent of instructor

Theory and methods for examining social advocacy communication. Civic, social, or environmental topics related to social movements and nonprofits.

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

CJ 550 Human Resource Development (3 crs)

Prerequisite: CJ 307 or MGMT 340. CJ 307 or MGMT 340 can be taken concurrently. Grade of C or above in CJ 300 or MATH 246 or POLS 290 or PSYC 271 or SOC 332.

- 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)

- 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 or CJ 203, and CJ 250 or CJ 207, 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)

- 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 employment communication, interviewing, and business writing 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 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)

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 with a grade of C or better

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 with a grade of C or better

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 103 with a grade of C or better

This course continues the study of American Sign Language with more complex grammar, dialogue, and narrative including both receptive and expressive skills. Aspects of semantics, linguistics, and culture are also introduced.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CSD 202 American Sign Language V (3 crs)

Prerequisite: CSD 201

American Sign Language V concludes the ASL language series with expanded sign language production and complex ASL grammatical features. Communicative functions in Deaf culture, e.g., appropriate cultural behaviors and strategies for conversation management, are stressed.

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 and Deaf community as linguistic/cultural minority. Topics include historical influences and impacts on Deaf community through political activism, laws, information access, educational philosophies, and communication systems. Course not conducted in ASL. No prior ASL experience required.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CSD 235 Undergraduate Research in Communication Sciences and Disorders (3 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: 3

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 (3 crs)

Prerequisite: Minimum of 12 earned prior credits.

Study and classification of speech sounds. Emphasis on phonemic and phonetic analysis and transcription of standard, regional, nonnative American English, and disordered speech patterns. Phonetic transcription will be applied to formal and informal speech assessment methods.

Attributes: Special Course Fee Required Varies by Term/Section

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

CSD 301 American Sign Language Semantics (3 crs)

Prerequisite: CSD 201 with a grade of C or better

This course analyzes ASL through the lens of Semantics with a primary focus on informal, colloquial sign. Course content will explore how meaning is created in ASL communication, the process of ASL interpretation, and how to improve expressive abilities in ASL. All content and communication are 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 201 with a grade of C or better

Introduction to linguistic concepts and terminology, including syntax and grammatical rules beyond basic ASL. Topics include sociolinguistics, ASL variation, bilingualism and language context. Relevant for students seeking interpreter certification in future. All content and communication conducted using ASL.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CSD 311 Language Development and Disorders: Related Disciplines (3 crs)

Prerequisite: SPED 205 or SEIP 208, or concurrent enrollment

• *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: Minimum resident and total GPA of 2.50. Limited to admitted CSD majors. CSD 373 is required prior to or concurrent with 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.

Limited to admitted CSD majors.

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. Limited to admitted CSD majors.

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 353 Speech and Hearing Science (3 crs)

Prerequisite: 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 Articulation and Phonological Disorders (3 crs)

Prerequisite: CSD 257 and CSD 262. Minimum resident and total GPA of 2.50.

Limited to admitted CSD majors.

This course addresses the nature, assessment, and treatment of articulation and phonological disorders in children and dialect variations of speech-sound use 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. Limited to admitted CSD majors.

• *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, with a grade of C or better.

• *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 440 Neurological Aspects of Communication & Cognition (3 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: 3

Lab/Studio Hours: 0

CSD 448 Aphasia and Related Disorders (3 crs)

Prerequisite: CSD 440/CSD 640

Differential diagnosis and treatment of the aphasia and related language disorders.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

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-I1 Integration, LE-S3 Creativity, Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering, Capstone Course, Special Course Fee Required

Repeat: Course may be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

CSD 485 Serving Diverse Populations (2 crs)

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)

Prerequisite: SPED 205 or SEIP 208, or concurrent enrollment

• *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 558 Articulation and 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 articulation and phonological disorders in children and dialect variations of speech-sound use 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 & Cognition (3 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: 3
Lab/Studio Hours: 0

CSD 648 Aphasia and Related Disorders (3 crs)

Prerequisite: CSD 440/CSD 640 or equivalent course is required prior to enrollment in this course.

- Cross-listed with CSD 448. Credit may not be earned in both courses.

Differential diagnosis and treatment of the aphasia 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: 3
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 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.

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 737 Dysphagia (3 crs)

Prerequisite: CSD 440 or 640. 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: 3
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 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)

Prerequisite: CSD 769, 770 or 771 is required prior to enrollment in this course.

Roles, responsibilities, legislation, historical perspectives, and current events related to federally mandated services to children birth to 21 are the focus. Discussion and practical application focused on methods specific to working as a speech-language pathologist in birth-to-three and public school settings are addressed through culturally humble and anti-racist perspectives.

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 752 Developmental Stuttering and Other Fluency Disorders (3 crs)

Prerequisite: Limited to students admitted to the Communication Sciences and Disorders (CSD) graduate program or consent of instructor

The developmental and acquired fluency disorders will be discussed. Primary emphasis will be placed on developmental stuttering. Topics will cover assessment and treatment across the lifespan.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

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 (5 crs)

Prerequisite: 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 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

Lab/Studio Hours: 0

Practicum Hours: 100

CSD 781 Externship in Communication Sciences and Disorders---Non-School Setting (5 crs)

Prerequisite: 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

Lab/Studio Hours: 0

Practicum Hours: 100

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 Programming for New Programmers (4 crs)

Prerequisite: MATH 109 or concurrent, or placement into MATH 111, 112, 113, 114 or 215. Computer science majors must take concurrently with CS 146.

Cannot earn credit in both CS 145 and CS 148

- *Students with prior programming experience should take CS 148 instead of CS 145.*

A general introduction to programming, introducing data types, procedural abstraction, flow control, and object-oriented design.

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 or CS 148.

- *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 148 Programming for Experienced Programmers (4 crs)

Prerequisite: MATH 109 or concurrent, or placement into MATH 111, 112, 113, 114 or 215. Computer science majors must take concurrently with CS 146.

Cannot earn credit in both CS 145 and CS 148

- *Students with prior programming experience take CS 148 instead of CS 145.*

A project-based study of programming concepts. Topics build upon student's prior exposure to variables, functions, conditionals, loops, and arrays.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

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 or CS 148.*

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 or CS 148. 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)

Prerequisite: CS 145 or CS 148

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 145 or CS 148

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 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: CS 318. 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 and CS 268. 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 376 Cryptography and Network Security (3 crs)

Prerequisite: CS 245 or DS 250

Basic and advanced cryptographic protocols and techniques. Block and stream ciphers, one-way hash functions, public-key and public-key digital signature algorithms, and key-exchange protocols. Network authentication, secure email, IP SEC, and web security.

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 245 or DS 250

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 425 Machine Learning (3 crs)

Prerequisite: MATH 246; CS 245

This course introduces students to the field of machine learning. Students will learn about the theoretical foundations of machine learning and how to apply machine learning to solve new problems. The course focuses on three major paradigms in machine learning which are supervised learning, unsupervised learning and data visualization.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CS 426 Deep Learning (3 crs)

Prerequisite: CS 245

This course will introduce students to the foundations of deep learning and how it can be used for a variety of tasks ranging from feature extraction, supervised and unsupervised learning, and sequence modelling. Students will get an opportunity to create state-of-the-art deep learning models using Python programming and TensorFlow framework to make machines think and interpret big data with remarkable precision.

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 452

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 (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.

Attributes: LE-S3 Creativity

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 320 Race, Crime, and Justice (3 crs)

Prerequisite: CRMJ 103 or SOC 103

A critical examination of the relationship between race and ethnicity, and all components of the criminal justice system in the United States. Provides a historical perspective of racial inequality and a study of contemporary racial justice issues, while highlighting the struggles for racial justice and how these struggles have been criminalized and controlled.

Attributes: LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CRMJ 325 Victimology (3 crs)

Prerequisite: CRMJ 103 or SOC 103

- *No credit if taken after CRMJ 491 when offered as Victimology*

Examination of a wide range of victimization experiences from the perspective of the victim, family members of the victim, and society. Emphasis placed on exploring response patterns to victimization, secondary trauma effects of victimization, differential effects of victimization over the life course, and community and media response.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CRMJ 340 Capital Punishment (3 crs)

Prerequisite: CRMJ 103 or SOC 103

An in-depth exploration of the death penalty in the United States with a focus on constitutional issues related to the implementation of capital punishment. Perspectives of those on death row and their families, victims and their families, and criminal justice system professionals also will be examined.

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 350 Women and Criminal Justice (3 crs)

Prerequisite: CRMJ 103 or SOC 103.

- *No credit if taken after CRMJ 491 when offered as Women and Criminal Justice*

Overview of the role, behavior and treatment of women in the criminal justice system in the United States. Theoretical, legal, political, socioeconomic and other influences will be highlighted through the way women are portrayed as offenders, victims, and professional employees in the criminal justice system.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

CRMJ 358 Cybersecurity and Cybercrime (3 crs)

Prerequisite: CRMJ 103 or SOC 103

This course covers cybercrime and cybersecurity issues in contemporary society while applying criminological theory to cybercriminality. Provides an overview of threats and challenges to information and communication technologies (ICT) and the Internet of things (IoT) that extend the physical space of crime to cyberspace. Critical issues in cybersecurity are examined in terms of scope, seriousness, and array of cybercrimes and organized criminal activities that occur online.

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 360 Contemporary Issues in Criminal Justice (3 crs)

Prerequisite: CRMJ 103 or SOC 103

This course examines the nature and extent of crime and social policy in modern society. Emphasis will be placed on current issues that have a wide-ranging impact on criminal justice systems, offenders, and society.

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: Limited to criminal justice majors. Minimum total GPA of 3.30. B+ or above in assigned course.

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: LE-11 Integration, 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)

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 (2 crs)

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, LE-S3 Creativity

Repeat: Course may be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

DNCE 116 Tap Dance I (2 crs)

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, LE-S3 Creativity

Repeat: Course may be repeated for a maximum of 4 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 (2 crs)

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 4 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

DNCE 316 Tap Dance II (2 crs)

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 4 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 140 Basics of Data Analysis with R (2 crs)

Prerequisite: MATH 20 or a suitable mathematics placement test score

Basics of Data Analysis with R will give students a good exposure and understanding of R capabilities. The course will focus on the essentials of R. Students will work with vectors, matrices, and data frames in R. They will also learn to manage, handle, and visualize a dataset in R. Examples from various areas will be used, including Biology, Economics, Mathematics, and Geography and Anthropology.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

DS 150 Computing in Python: Fundamentals and Procedural Programming (4 crs)

Prerequisite: MATH 109 or concurrent enrollment

Computing in Python provides an introduction to the world of procedural programming in the Python computer language. Students will learn tactics and approaches for solving novel problems in the world of data science. Main tasks are the storage, retrieval, processing, and visualization of data. Examples will be drawn from bioinformatics, economics, and other fields.

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

DS 250 Data Structures and Algorithms in Bioinformatics (4 crs)

Prerequisite: DS 150; MATH 112 or concurrent enrollment, MATH 113 or concurrent enrollment, or placement into MATH 114 or MATH 215

This course covers algorithmic and data structure techniques that underpin modern biological data analysis. Topics covered include clustering, string searching, tree traversal, maximum parsimony, maximum likelihood, hidden Markov models, and version tracking. Some of the biological applications will include sequence alignment and assembly, phylogeny, gene finding, and variation detection.

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

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, Special Course Fee Required

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, Special Course Fee Required

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, Special Course Fee Required

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, Special Course Fee Required

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, Special Course Fee Required

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, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

DS 740 Data Mining & Machine Learning (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, Special Course Fee Required

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, Special Course Fee Required

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, Special Course Fee Required

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.

Attributes: Special Course Fee Required

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, Special Course Fee Required

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.

• *Full-time equivalent.*

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, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

Economics (ECON)

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 or ECON 104, or consent of instructor. Minimum sophomore standing.

Study of classical economic analysis from the works of Adam Smith through Karl Marx.

Attributes: GE IIIB Social Science-Economics, LE-I1 Integration, LE-K2 Social Sciences

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 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 Experiences of Minoritized Groups in U.S. Economy (3 crs)

Focuses on complex ways in which race, class, gender, and other identities intersect to shape the experiences of minoritized groups in U.S. economy.

Attributes: Cultural Diversity 3 cr., GE IIIB Social Science-Economics, LE-DDIV Design for Diversity, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity
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 III Social Science, 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 WGSS 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
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, LE-R2 Global Perspectives, 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 WGSS 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 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 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 WGSS/ECON 357/557. 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)

Prerequisite: Not available for juniors or seniors.

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.

Grading Basis: No S/U Grade Option
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 2.50.

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.

Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 8

ES 212 Exploring Schooling K-12 (2 crs)

Prerequisite: Limited to teaching majors. Minimum of 14 credits. Completion of University Writing Requirement. Minimum total GPA of 2.50.

This class and the accompanying practicum are designed to provide a road map of what to expect and the steps to take for a successful journey into the teaching profession. It provides an initial classroom experience, including daily work with students in a classroom, alongside an exemplary experienced teacher. The course strives to help preservice teachers come to an understanding of what it means to be a teacher dedicated to lifelong learning and to advancing the achievement of all children. Students complete 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 283 Supporting Multilingual Learners (3 crs)

Prerequisite: Limited to teaching majors. Minimum 14 credits. Completion of University Writing Requirement.

This course is designed to support educators in universally designing classroom instruction to meet the needs of multilingual learners. Participants will learn about strategies to increase engagement for all learners, designing assessments for learning, and selecting and evaluating diverse literature for young people. In addition to classroom instructional practices, the course explores resources for connecting families, communities, and schools.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

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 286 Technology & Special Education (1 cr)

Prerequisite: SPED 205 or SEIP 208 or concurrent enrollment or consent of instructor. Limited to SPED Early Childhood or SPED Specific Learning Disabilities and Intellectual 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 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 302 Teaching and Learning Practices (1 cr)

Prerequisite: ES 212, ES 303. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 306, ES 308, ES 309, and ES 457.

Introduction and development of the knowledge, skills, and dispositions necessary to create, organize, and maintain an enriched and positive K-9 classroom environment. Topics include planning for instruction and assessment, developing positive relationships, and creating an inclusive classroom environment.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

ES 303 Emergent Literacy and Assessment (3 crs)

Prerequisite: ES 212; limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 336.

This course, taken concurrently with ES 336, explores concepts related to emergent literacy as well as the methods and assessment techniques teachers use to support literacy development in PK-early elementary grades settings.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 304 Teaching and Learning Practices (2 crs)

Prerequisite: ES 203, ES 305 or ES 301. 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. Limited to teaching majors admitted to College of Education and Human Sciences.

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 K-9 (3 crs)

Prerequisite: ES 203 or ES 212, MATH 201, 202, 302, 303 or 304; must be taken with ES 304, 307, 308, 309. 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 relevant to grades K-9. 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; ES 305 or 301. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 304, 306, 308, 309, 335

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 K-9 (3 crs)

Prerequisite: ES 203 or 212; Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 304, 306, 309.

Study of the teaching methods, instructional materials, evaluation techniques, and trends in science relevant to grades K-9. 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, 305 or 301. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 304, 306, 307, 308, 335

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 or MUED 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 315 Assessment for Learning (3 crs)

Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences.

Students will learn about different approaches to assessment in K-12 settings and develop strategies for responding to assessment data to inform instruction.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

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 328 Disciplinary Literacy and Study Strategies (2 crs)

Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences or school psychology students.

Provides rationale and methods for determining the abilities of middle level and secondary students to read texts in content areas as well as strategies for promoting disciplinary literacy.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ES 335 Reading Assessment, Diagnosis and Remediation (2 crs)

Prerequisite: ES 203, 305 or 301; limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 304, 306, 307, 308, 309

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

Field Practicum Hours: 1

ES 336 Elementary Literacy and Assessment (3 crs)

Prerequisite: ES 212; limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 303.

This course, taken concurrently with ES 303, explores late elementary literacies as well as the methods and assessment techniques teachers use to support literacy development in grades 3-5.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 356 Teaching Social Studies in Grades 4-12 (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 grades 4-12 social studies. Required of the Social Studies teaching major.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ES 357 Teaching Mathematics in Grades 4-12 (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 360 Teaching Science in Grades 4-12 (3 crs)

Prerequisite: Completion of ES 212 and consent of department. Limited to teaching majors admitted to College of Education and Human Sciences.

Consent: Department Consent Required

Provides study of methods, materials, content, and organization of science programs. Emphasizes curriculum planning, instruction, assessment, and best practices in 4-12 science instruction.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

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.*

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 World Language Methods for Secondary Teaching (2-3 crs)

Prerequisite: Completion of ES 212.

• *Students majoring/minoring in more than one language 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 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 382 Technology for Learning (3 crs)

Prerequisite: Limited to teaching majors

This course will explore current and emerging technologies that are pertinent to K-12 classrooms and education professionals. Students will develop knowledge about educational technologies and refine the skills needed to equitably incorporate these technologies into K-12 classrooms.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

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

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

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 EL (4 crs)

Prerequisite: ES 405 or concurrent enrollment. Limited to TESOL minors. EL, bilingual education, and content area teachers learn to modify course materials, instructional strategies and assessments so that English learners 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: 3

Lab/Studio Hours: 1

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 415 Assessment and Evaluation in Grades 1-12 (2 crs)

Prerequisite: 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 437 World Language Methods for Early and Middle Childhood (2 crs)

Prerequisite: Completion of ES 212

Principles and practices in teaching world languages in elementary and middle schools. Preparation for teaching in bilingual education programs.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

ES 440 Internship Teaching in Elementary Education (5-10 crs)

Consent: Department Consent Required

- Admission to the professional semester and recommendation of the Department of Education for Equity and Justice. 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

Lab/Studio Hours: 0

Practicum Hours: 40

ES 441 Student Teaching in Elementary Education (5 crs)

- Admission to the professional semester and recommendation of the Department of Education for Equity and Justice. 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 10 credits

Grading Basis: S/U Only Grade Basis

Lab/Studio Hours: 0

Practicum Hours: 40

ES 445 Student Teaching in Middle Level Education (5 crs)

- Admission to the professional semester and recommendation of the Department of Education for Equity and Justice. 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 10 credits

Grading Basis: S/U Only Grade Basis

Lab/Studio Hours: 0

Practicum Hours: 40

ES 446 Internship Teaching in Middle Level Education (5-10 crs)

Consent: Department Consent Required

- Admission to the professional semester and recommendation of the Department of Education for Equity and Justice. 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

Grading Basis: S/U Only Grade Basis

Lab/Studio Hours: 0

Practicum Hours: 40

ES 457 Middle Grades Literacy and Assessment (3 crs)

Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences.

Preservice teachers will examine the context and content of a middle grades English Language Arts classroom and curriculum with an emphasis on the process and skills needed for adolescent literacy development. Preservice teachers will learn how to create inquiry-driven literacy curriculum grounded in equitable and developmentally appropriate ELA pedagogies.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 470 Student Teaching in Secondary Education (5 crs)

- Admission to professional semester and recommendation of the Department of Education for Equity and Justice. 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 10 credits

Grading Basis: S/U Only Grade Basis

Lab/Studio Hours: 0

Practicum Hours: 40

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 475 Internship Teaching in Secondary Education (5-10 crs)

Consent: Department Consent Required

- Admission to professional semester and recommendation of the Department of Education for Equity and Justice. 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

Lab/Studio Hours: 0

Practicum Hours: 40

ES 490 Historical, Legal, and Philosophical Foundations of Education (3 crs)

- 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)

Prerequisite: Admission to program

- *Admission to professional semester and recommendation of Department of Education for Equity and Justice. Required for all elementary-middle and secondary 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-I1 Integration, LE-S3 Creativity, Undergraduate/Graduate Offering, Capstone Course

Lab/Studio Hours: 0

Seminar Hours: 2

ES 499 Independent Study (1-3 crs)

Consent: Department Consent Required

Study of an education issue under the supervision of Education for Equity and Justice 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 Disciplinary Literacy and Study Strategies (2 crs)

Prerequisite: PSYC 260 or CSD 370 or consent of instructor. Limited to admitted teaching majors or admitted 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 texts in content areas as well as strategies for promoting disciplinary literacy.

Grading Basis: No S/U Grade Option

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: 0

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 EL (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 teachers of English Learners, bilingual educators, and content-area teachers learn how to modify mainstream course materials and instructional strategies so that English Learners 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 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 657 Middle Grades Literacy and Assessment (3 crs)

Prerequisite: 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.

Preservice teachers will examine the context and content of a middle grades English Language Arts classroom and curriculum with an emphasis on the process and skills needed for adolescent literacy development. Preservice teachers will learn how to create inquiry-driven literacy curriculum grounded in equitable and developmentally appropriate ELA pedagogies.

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 690 Historical, Legal, and Philosophical Foundations of Education (3 crs)

- 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 (2 crs)

- Cross-listed with ES 497. Credit may not be earned in both courses. Admission to professional semester and recommendation of Department of Education for Equity and Justice. Required for all elementary-middle and secondary 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

Lab/Studio Hours: 0

Seminar Hours: 2

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 710 Student Development and Learning (3 crs)

The study of contemporary theories and principles of development, learning and motivation as they relate to educational services. Development issues including: physical, intellectual, emotional, social and moral perspectives will be used to create, modify or change learning expectations in the school setting.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

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 Cultural and Social Foundations of Learning (3 crs)

Designed to provide students the knowledge, skills and dispositions needed to help all students learn more effectively in the school setting. Philosophical underpinnings will provide the basis for learning across the behaviorist to constructivist continuum.

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 Curricular Design and Innovation (3 crs)

This course investigates curricular models aligned with state and national standards, with a focus on how curricular design promotes learning and innovation in the classroom setting.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ES 740 Introduction to Action Research (3 crs)

Students will create and conduct an action research project in their own classrooms using appropriate research methodologies.

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 Teaching All Students: Equity, Diversity and Inclusivity (3 crs)

Beginning with the end-in-mind, this course addresses issues of diversity, equity and inclusivity so that all students become successful learners.

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 Collaborative Leadership: Building Effective Relationships (3 crs)

Designed to help students build and align their knowledge, skills and dispositions as Teacher and Collaborative Leader in order to act in concert with colleagues, administrators, students and their parents.

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 Designing a Learning Environment (3 crs)

This course addresses issues of risk, power, student needs, and classroom management within the framework of building an effective classroom community. The theories of the responsive classroom development and design will be explored.

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, Assessment and Data-Based Decision Making (3 crs)

Designed to help students create, analyze and use reliable and valid assessments so that they can use that data for instructional decision-making in both the classroom and their school.

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 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 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 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, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity

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 Introduction to Critical Studies in Film, Television, and Moving-Image Culture (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 studies in film, television, and moving-image culture. Includes concepts such as representation and ideology; race, class, and gender; economics and history; aesthetics and politics; and genre and form. Variable focuses and emphases.

Attributes: GE IVD Humanities-Literature, LE-K4 Fine Arts

Lecture/Discussion Hours: 4-5

Lab/Studio Hours: 0

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 Critical Studies (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, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity

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 combines 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, Television, and Moving-Image Culture (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.

Engagement with critical perspectives on film, television, and/or moving image culture. Students will analyze films, TV shows, and/or moving-image texts using a variety of critical methods and approaches.

Attributes: GE IVD Humanities-Literature, LE-K3 Humanities
Grading Basis: A-F Grades Only
Lab/Studio Hours: 0
Seminar Hours: 4-5

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 WGSS 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 Science Writing (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, LE-S1 Written and Oral Communication, 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 Technical Writing (3 crs)

Prerequisite: Completion of University Writing Requirement.

Students analyze rhetorical situations and user needs, determine optimal formats, and produce effective technical documents for intended audiences.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication, 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 Cultural Rhetorics (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, LE-R2 Global Perspectives, 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, LE-S3 Creativity, 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 316 Rhetorics of Social Justice (3 crs)

Prerequisite: Successful completion of University Writing Requirement.
 Develops students' understanding of inequitable power systems to enable students to produce ethical and fitting rhetorical responses in the public sphere. Sections will vary in thematic approach.

Attributes: LE-R3 Civic and Environmental Issues, Service-Learning, Full 30 Hours

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 WGSS 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 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

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 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 WGSS 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 Creative Writing Workshop - Nonfiction (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 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 284, and six credits of literature, film, theory or culture

• 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, LE-I1 Integration, LE-S3 Creativity, 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 284, and six credits of literature, film, theory or culture

• 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: LE-I1 Integration, LE-S3 Creativity, 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 284, and six credits of literature, film, theory or culture

• 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: LE-I1 Integration, LE-S3 Creativity, 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 284, and six credits of literature, film, theory or culture

• 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: 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 455 Seminar in Rhetorics of Science, Technology, and Culture (3 crs)

Prerequisite: ENGL 210, ENGL 212, and at least six credits from the following: ENGL 307, ENGL 312, ENGL 313, ENGL 314, ENGL 315, ENGL 316, 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 284, and six credits of literature, film, theory or culture

• 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: LE-I1 Integration, LE-S3 Creativity, 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 284, and six credits of literature, film, theory or culture

• 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., LE-I1 Integration, LE-S3 Creativity, 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 284, and six credits of literature, film, theory or culture

• 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: LE-I1 Integration, LE-S3 Creativity, 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 284, and six credits of literature, film, theory or culture

• 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: 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 496 Seminar in Women's Literature (3 crs)

Prerequisite: ENGL 210, ENGL 284, and six credits of literature, film, theory or culture

• 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: LE-I1 Integration, LE-S3 Creativity, 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 Science Writing (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 Technical Writing (3 crs)

- *Cross-listed with ENGL 313. See current Class Schedule for specific theme or topic.*

Students analyze rhetorical situations and user needs, determine optimal formats, and produce effective technical documents for intended audiences.

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 Cultural Rhetorics (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 Creative Writing Workshop - Nonfiction (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 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 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.

Lab/Studio Hours: 0
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
Lab/Studio Hours: 0
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.

Lab/Studio Hours: 0
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 290 Intermediate Learning to Learn (3 crs)

Consent: Department Consent Required

- Only open to non-native speakers of English who do not yet meet English language requirement for admission.

This intermediate-level course focuses on learning skills and strategies, academic expectations, and campus and community resources. Students are matched with international student mentors.

Lecture/Discussion Hours: 3

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.

Lab/Studio Hours: 0

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

Lab/Studio Hours: 0

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

Lab/Studio Hours: 0

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 390 Advanced Learning to Learn (3 crs)

• For non-native English speakers only. Students must place into the 300 level of the IEP on the placement exam, successfully pass the 200 level of the IEP, or meet university English language requirements in order to register for this course. For non-native English speakers only.

This course focuses on learning skills and strategies, academic expectations in the U.S., and connecting to campus and community resources. This course is for advanced level English language learners only.

Grading Basis: A-F Grades Only

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, LE-K1 Natural Sciences, LE-R3 Civic and Environmental Issues

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 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 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, LE-DDIV Design for Diversity, LE-I1 Integration, LE-R1 Equity, Diversity, and Inclusivity

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 364 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 370 US Health Systems and Policy (3 crs)

Examines health and healthcare policy from a public health perspective. Addresses basic concepts associated with the distribution of health and illness in society and the organization of the health care system. Evaluates the roles played by local, state, and federal agencies and non-governmental organizations in the provision of health care and uses public health case studies to understand and critique the effectiveness and fairness of the current system.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENPH 397 Student Academic Apprenticeship (1-2 crs)

Prerequisite: Limited to environmental public health majors.

Consent: Instructor Consent Required

Experience for qualified students to facilitate teaching and learning in ENPH courses. Students develop and enhance knowledge in ENPH and their abilities to communicate that knowledge to other students.

Repeat: Course may be repeated for a maximum of 4 credits

Grading Basis: S/U Only Grade Basis

Lecture/Discussion Hours: 1-2

Lab/Studio Hours: 0

ENPH 399 Independent Study (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

An opportunity for students to pursue an environmental research topic of their choice in collaboration with a faculty mentor.

Repeat: Course may be repeated

ENPH 422 Radiation, Air Pollution and Health (3 crs)

Prerequisite: PHYS 212 or PHYS 232; CHEM 103 or CHEM 105 and CHEM 106. No credit if taken after ENPH 322

Safety and health implications of ionizing radiation and human and environmental health consequences of air pollution in the context of public health.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

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 (3 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: LE-11 Integration, Service-Learning, Full 30 Hours

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

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

ENPH 441 Water and Wastewater (3 crs)

Prerequisite: ENPH 110; BIOL 111 or BIOL 151; and CHEM 104 or CHEM 109 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 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 476 Vector-Borne Disease Control (3 crs)

Prerequisite: Successful completion of at least one of the following courses or consent of instructor: BIOL 151, BIOL 214, BIOL 221, BIOL 250

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 490 Environmental Toxicology and Risk Assessment (3 crs)

Prerequisite: BIOL 221 or 111, ENPH 110 or 210, 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 101 Sustainability Basics and Beyond (4 crs)

Examine key social drivers that facilitate or limit the sustainability of communities by integrating concepts and skills with personal experience.

Attributes: GE IIIG Social Science-Interdisciplinary Study, LE-K2 Social Sciences, LE-K2L Social Sciences with Lab, LE-R3 Civic and Environmental Issues, Field Trip(s) Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

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 IVC Humanities-History, 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, LE-I1 Integration, LE-R3 Civic and Environmental Issues

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 HIST/ENV 346/546. 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 296 Topics in Finance (1-3 crs)

Prerequisite: Limited to finance majors and minors only.

Covers a variety of topics to be determined by faculty interest and student demand.

Repeat: Course may be repeated for a maximum of 6 credits

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: ACCT 201 or ACCT 202, ECON 103 and ECON 104.

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, BSAD 202 or MATH 246 or MATH 345 or MATH 346.

Finance majors and minors only.

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, BCOM 206, BSAD 202 or MATH 246 or MATH 345 or MATH 346. Finance majors and minors only.

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

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.

- *This course requires access to a laptop computer which can be brought to class when required. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.*

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.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 327 Long Term Financial Management (3 crs)

Prerequisite: FIN 320. BSAD 202 or MATH 246 or MATH 345 or MATH 346.

Finance majors/minors and Math-actuarial majors only.

- *This course requires access to a laptop computer which can be brought to class when required. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.*

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.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 328 Introduction to Derivative Securities (3 crs)

Prerequisite: FIN 320, 321, BSAD 202 or MATH 246 or MATH 345 or MATH 346.

Finance majors and minors.

- *This course requires access to a laptop computer which can be brought to class when required. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.*

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 330 Wealth Management (3 crs)

Prerequisite: FIN 320, BCOM 206, 207

Understand the breadth of the individual wealth management process and the wealth management profession.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 337 Financial Modeling (3 crs)

Prerequisite: FIN 320. Limited to finance majors and minors only.

This course will focus on conceptual applications involved in Corporate Finance. Content is structured around career expectations in corporate finance. This is where the Financial Analyst is part of the management team responsible for managing financial actions of one particular company or organization. This course presents the theory and practice of corporate financial management. Special emphasis will be on emphasizing computer-based modelling. Spreadsheets will be used to analyze financial and non-financial information to make business decisions.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FIN 339 Investment Strategy (3 crs)

Prerequisite: Limited to finance majors and minors, actuarial science majors and minors. Minimum junior standing.

Consent: Department Consent Required

- *Student must apply to the course and will be notified of acceptance prior to registration.*

The course provides a select group of students the opportunity to obtain experience in the process of managing an investment portfolio.

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 396 Topics in Finance (1-3 crs)

Prerequisite: FIN 320. Limited to finance majors and minors only.

Covers a variety of topics to be determined by faculty interest and student demand.

Repeat: Course may be repeated

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

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. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.*

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.

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. Laptop is required. Minimum junior standing.

- *Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.*

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 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.

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.

- *This course requires access to a laptop computer which can be brought to class when required. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.*

Quantitative analysis and pricing of derivative instruments and contracts.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 429 Advanced Wealth Management (3 crs)

Prerequisite: FIN 330. Limited to finance majors and minors
Advanced issues in financial planning are analyzed by means of case studies, readings and class discussion

Grading Basis: A-F Grades Only
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.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

FIN 439 Advanced Investment Strategy (3 crs)

Prerequisite: FIN 339. Limited to finance majors and minors, actuarial science majors and minors. Minimum junior standing. Requires department consent.
Consent: Department Consent Required

- *Student must apply to the course and will be notified of acceptance prior to registration.*

The course provides a select group of students the opportunity to expand their experience in the process of managing an investment portfolio as a senior analyst.

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 (1-3 crs)

Prerequisite: FIN 320. Limited to finance majors. Minimum junior standing.
Consent: Department Consent Required

- *A maximum of three credits.*

Internship experience in business situations relevant to the finance major under supervision of a faculty member.

Attributes: LE-I1 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

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, 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

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-I1 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 330 Chinese Culture through Films (3 crs)

• No credit if taken after FLTR 392 when offered as Chinese Film and Culture.

Introduction to Chinese culture through various genres of films and discussion on cultural aspects, with the goal to develop cultural understanding.

Attributes: LE-K3 Humanities, Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

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 530 Chinese Culture through Films (3 crs)

• Cross-listed with FLTR 330

Introduction to Chinese culture through various genres of films and discussion on cultural aspects, with the goal to develop cultural understanding.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

FLTR 550 Latin American Literature in Translation (3 crs)

• Cross-listed with FLTR/LAS 350/550. 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.

A foundation in listening, speaking, reading, writing, and cultures of the French-speaking world for the acquisition of basic communicative skills.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

FREN 102 Beginning French (4 crs)

Prerequisite: FREN 101 or suitable placement score on the French Placement Exam.

A continued foundation in language and culture for the strengthening of basic communicative skills in preparation for the intermediate sequence.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

FREN 201 Intermediate French (4 crs)

Prerequisite: FREN 102 or suitable placement score on the French Placement Exam.

A development in listening, speaking, reading, writing, and cultures of the French-speaking world for the acquisition of expanded communicative skills.

Attributes: GE IA Communication-Language Arts, LE-R2 Global Perspectives

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

FREN 202 Intermediate French (4 crs)

Prerequisite: FREN 201 or suitable placement score on French Placement Exam.

A continued development in language and culture for the acquisition of expanded communicative skills in preparation for upper division classes.

Attributes: GE IA Communication-Language Arts, LE-R2 Global Perspectives

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

FREN 315 Grammar (3 crs)

Prerequisite: FREN 202 or suitable placement score on French Placement Exam.

A refinement of structural language skills through the study of grammatical concepts and vocabulary with contextualized application to reading, writing, and speaking.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

FREN 325 Pronunciation (3 crs)

Prerequisite: FREN 202 or suitable score on French Placement exam

A study of the spelling-to-sound system through the interpretation of original authentic resources to increase listening and speaking accuracy.

Attributes: Foreign Culture, LE-S3 Creativity

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 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.

A focus on specialized language and practices in the French-speaking professional world for increased communicative and cultural competence.

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 Civilization (3 crs)

Prerequisite: FREN 315; FREN 325; or consent of instructor.

An investigation of political, artistic, and literary traditions through history, and a reflection on how they can reveal a people's culture and sense of identity today.

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 391 Special Topics (1-3 crs)

Prerequisite: FREN 202 or suitable placement score on French Placement Exam. Study of a theme relevant to the French-speaking world.

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 1-3

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 397 Student Academic Apprenticeship (1-3 crs)

Prerequisite: Minimum junior standing. Minimum resident GPA of 3.00.

Completion of course (or equivalent) in which assisting.

Consent: Instructor Consent Required

Facilitation of teaching and learning activities by qualified students, selected and supervised by faculty members.

Attributes: Field Trip(s) Required

Repeat: Course may be repeated for a maximum of 6 credits

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 Discussions on Contemporary Societal Issues (3 crs)

Prerequisite: FREN 315, FREN 325

• Course may be taken once at UW-Eau Claire and once during study abroad.

Prerequisite: FREN 315; FREN 325; or consent of instructor. A development of advanced oral proficiency via conversations and debates on societal issues and roles of French-speaking institutions and individuals.

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

A cross-continental exploration of Francophone cultures with a focus on language, history, geography, and challenges to manage and conserve resources.

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 491 Special Topics (1-3 crs)

Prerequisite: FREN 315; FREN 325; or consent of instructor

In-depth study of a theme relevant to the French-speaking world.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 1-3

Lab/Studio Hours: 0

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 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 Discussions on Contemporary Societal Issues (3 crs)

Prerequisite: FREN 315, FREN 325. Instructor consent required

Consent: Instructor Consent Required

- *Cross-listed with FREN 401. Course may be taken once at UW-Eau Claire and once during study abroad.*

Prerequisite: FREN 315; FREN 325; or consent of instructor. A development of advanced oral proficiency via conversations and debates on societal issues and roles of French-speaking institutions and individuals.

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 315; FREN 325; or consent of instructor

Consent: Instructor Consent Required

- *Cross-listed with FREN 491. See current Class Schedule for specific topic.*

In-depth study of a theme relevant to the French-speaking world.

Repeat: Course may be repeated for a maximum of 6 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.

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)

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 IIIC Social Science-Geography, LE-I1 Integration, LE-K2 Social Sciences

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)

The study of the spatial variation of human economic activities. Emphasis is on location models of production, international trade and commerce, population growth, consumption, and interactions and interdependencies at local and global scales.

Attributes: GE IIIC Social Science-Geography, LE-K2 Social Sciences, LE-R2 Global Perspectives

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 178 Conservation of the Environment (3 crs)

Prerequisite: No credit if taken after BIOL 180 or GEOL 204.

- Satisfies Wisconsin conservation requirement for teaching certification 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 and Geospatial Analysis and Technology majors

An introduction to the foundations, principles and primary geospatial techniques and analyses used in geography.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

GEOG 220 World Regional Geography: Diversity & Globalization (3 crs)

Examines the cultural and environmental diversity of our interconnected world using geographical perspectives and tools. Topics include the spatial dimensions of traditional and popular culture, physical environments, nature-society interactions, population distribution and movement, languages and belief systems, socio-economic linkages, politics, urbanization, and other characteristics of the world's people and places.

Attributes: LE-K2 Social Sciences, LE-R2 Global Perspectives

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 270 Introduction to Urban and Regional Planning (3 crs)

Basic concepts and philosophies of urban and regional planning, land use, zoning, and sustainable urban development.

Attributes: LE-R3 Civic and Environmental Issues, 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.

Attributes: LE-I1 Integration, LE-S3 Creativity

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

GEOG 291 Special Topics (1-3 crs)

Lecture/Discussion Hours: Variable Contemporary issues and special topics in geography not typically covered in introductory geography courses. Varies based on interest of students and faculty. May include field trips and experiences.

Repeat: Course may be repeated for a maximum of 6 credits

Lab/Studio Hours: 0

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, LE-I1 Integration, LE-R2 Global Perspectives

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: LE-I1 Integration, LE-K1 Natural Sciences, LE-K1L Natural Sciences with Lab, 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, LE-I1 Integration, LE-R2 Global Perspectives

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-DDIV Design for Diversity, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Seminar Hours: 0

GEOG 313 Culture and Transnational Dynamics (3 crs)

Prerequisite: Minimum sophomore standing or instructor consent. Credit may not be earned in both GEOG/ANTH 313/513 and GEOG/ANTH 351.

• *Credit may not be earned in both ANTH 313 and GEOG 313.*

Critical discussion of conceptual approaches to cultural processes, differences, and encounters from a transnational perspective.

Attributes: Foreign Culture, Cultural Diversity 1 cr., GE IIIA Social Science-Anthropology, LE-K2 Social Sciences, LE-R2 Global Perspectives, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

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, 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

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, LE-DDIV Design for Diversity, LE-I1 Integration, LE-R1 Equity, Diversity, and Inclusivity
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 II Natural Sciences, 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 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 (3 crs)

Prerequisite: GEOG 104, GEOG 178, or BIOL 180

- *GEOG 335 is recommended prior to enrollment in this course.*

This course introduces the identification, description, interpretation, and explanation of historical and contemporary patterns of biogeographical diversity, patterns, and processes on local, regional, and global scales. Geospatial field techniques are employed to collect and analyze local data used to understand the impacts of environmental change.

Attributes: Field Trip(s) Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

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, LE-I1 Integration, LE-K1 Natural Sciences, 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, LE-K2 Social Sciences, LE-R2

Global Perspectives, 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, LE-I1 Integration,

LE-K2 Social Sciences, 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 III Social Science, 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, LE-I1 Integration, LE-R3 Civic and Environmental Issues

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 III Social Science, LE-I1 Integration, LE-K2 Social Sciences, Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 390 Geospatial Applications of UAS (3 crs)

Prerequisite: GEOG 335

• *GEOG 338 is recommended prior to enrollment in this course.*

This course introduces Unoccupied/Unmanned Aerial Systems (UAS) and their applications in the natural and built environment. Topics include UAS sensors and platforms, the ethics of UAS use, sensors calibration and boresighting, flight planning and flying of UAS, data processing software, data quality and accuracy, and the production of ortho-rectified imagery, multispectral imagery, digital terrain, surface models, and other geospatial deliverables.

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: LE-S3 Creativity, 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.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

GEOG 438 Remote Sensing Data Analytics (3 crs)

Prerequisite: GEOG 338

Explores the principles and techniques of collecting, processing, and extracting information from remotely sensed data to facilitate geospatial intelligence sharing in support of sustainable planning and management.

Attributes: Field Trip(s) Required

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

GEOG 444 Legal Geographies of Race in the U.S. (3 crs)

Prerequisite: Minimum junior standing, or consent of instructor

- *A previous class in the social sciences or humanities is recommended.*

This course provides an introduction to the subdiscipline of legal geography. Explores the interactions between race and the law in the United States, with a specific focus on how U.S. law (re)produces racial inequalities. We examine how U.S. law has constructed race itself and provided differing rights based on racial categories. Students will consider the various institutions and processes that have come together to shape our contemporary racial landscape through the lens of law.

Attributes: LE-DDIV Design for Diversity, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

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: 2

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: 2

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 Advanced Special Topics (1-3 crs)

Consent: Department Consent Required

Lecture/Discussion Hours: Variable Contemporary issues and special topics in geography. Varies based on interest to students and faculty. May include field trips and experiences.

Attributes: Special Course Fee Required Varies by Term/Section

Repeat: Course may be repeated for a maximum of 6 credits

Lab/Studio Hours: 0

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 ANTH/GEOG 312/512. 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: 3

Seminar Hours: 0

GEOG 513 Culture and Transnational Dynamics (3 crs)

Prerequisite: Credit may not be earned in both ANTH/GEOG 313/513 and ANTH/GEOG 351.

- Cross-listed with ANTH/GEOG 313/513. Credit may only be earned in one of these courses.

Critical discussion of conceptual approaches to cultural processes, differences, and encounters from a transnational perspective.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

GEOG 521 Geography of Latin America (3 crs)

- Cross-listed with LAS/GEOG 321/521. 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

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 Geospatial Applications of UAS (3 crs)

Prerequisite: GEOG 335

- GEOG 338 is recommended prior to enrollment in this course.

This course introduces Unoccupied/Unmanned Aerial Systems (UAS) and their applications in the natural and built environment. Topics include UAS sensors and platforms, the ethics of UAS use, sensors calibration and boresighting, flight planning and flying of UAS, data processing software, data quality and accuracy, and the production of ortho-rectified imagery, multispectral imagery, digital terrain, surface models, and other geospatial deliverables.

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: 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, Field Trip(s) Required, Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

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 current and future energy sources and alternatives with respect to supply, demand, recovery, distribution, environmental impact and sustainability and the relationship between energy and social, economic and political systems and public policy.

Attributes: GE IID Natural Science-Geology, LE-I1 Integration, LE-K1 Natural Sciences

Lecture/Discussion Hours: 3

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 204 Understanding Earth's Environment (3 crs)

Prerequisite: No credit if taken after BIOL 180 or GEOG 178.

• Satisfies Wisconsin conservation requirement for teaching certification in science and social science.

This environmental science class will explore the interconnectedness of the geosphere, biosphere, pedosphere, hydrosphere, cryosphere, and atmosphere, and how humans interact with each of these systems.

Attributes: LE-K1 Natural Sciences, LE-R3 Civic and Environmental Issues

Lecture/Discussion Hours: 3

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 and Sustainability (3 crs)

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 II Natural Sciences, LE-K1 Natural Sciences, Special Course Fee Required

Lecture/Discussion Hours: 1

Lab/Studio Hours: 4

GEOL 304 Global Environmental Change (3 crs)

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, or MSE 221; CHEM 101, or CHEM 103, or CHEM 105 and CHEM 106, 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; GEOL 320

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 109 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 II Natural Sciences, 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 451 MSHA New Miner Training (1 cr)

Prerequisite: GEOL 312

Consent: Instructor Consent Required

- *No credit if taken after GEOL 491 when offered as Responsible Mining: MSHA 24 Hour New Miner Training. May not be used toward 300-level course requirements for any Geology major program.*

New Miner Safety Training (MSHA Part 46, 24 hours) discusses mine safety, hazard awareness and mine protocol, and is federally required to work at surficial mine sites.

Attributes: Field Trip(s) Required
Grading Basis: S/U Only Grade Basis
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

GEOL 452 Responsible Mining Seminar (1 cr)

Prerequisite: GEOL 312

Consent: Instructor Consent Required

- *No credit if taken after GEOL 491 when offered as Responsible Mining Seminar*

Industry speakers will discuss environmental and political aspects of responsible mining. Preparation for internships and jobs will be stressed.

Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

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, GEOL 468, GEOG 335

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-I1 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 109 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 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 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, LE-S3 Creativity,
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 Care 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 201 Overview of the U.S. Health Care System (3 crs)

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: LE-R3 Civic and Environmental Issues

Lecture/Discussion Hours: 3

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 in Health Service (3 crs)

Prerequisite: HCAD 101 and HCAD 201. Health Care Administration majors only.

- *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

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HCAD 302 Leadership and Management Practices in Health Services (3 crs)

Prerequisite: HCAD 101. HCAD 301. 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: Field Trip(s) Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HCAD 375 Health Care Reimbursement and Financial Management (3 crs)

Prerequisite: ACCT 201 OR ACCT 202; ECON 103, 104, HCAD 301, 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 Administrative Residency 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.*

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

Practicum Hours: 3 credit hours; approximately 40 hours per week in the field

HCAD 401 Administrative Residency 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.*

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

Practicum Hours: 6 credit hours; approximately 40 hours per week in the field

HCAD 402 Administrative Residency III (6 crs)

Prerequisite: HCAD 401. HCAD 406, HCAD 408, HCAD 413, HCAD 422 concurrent enrollment. Limited to HCAD majors.

- *Limited to HCAD majors in the practicum year.*

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, Special Course Fee Required

Grading Basis: A-F Grades Only

Practicum Hours: 6 credit hours; approximately 40 hours per week in the field

HCAD 403 Resident Service and Supports 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.*

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: HCAD Program Fee, Special Course Fee Required

HCAD 404 Quality Management Applications 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, Special Course Fee Required

HCAD 405 Human Resources Management in Health Services (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: HCAD Program Fee, Special Course Fee Required

HCAD 406 Data Driven Health Care Decision Making (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: HCAD Program Fee, Special Course Fee Required

HCAD 407 Financial Management in Health Care (1 cr)

Prerequisite: HCAD 405. 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: HCAD Program Fee, Special Course Fee Required

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

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: HCAD Program Fee, Special Course Fee Required

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

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: Co-requisite HCAD 402. 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, Special Course Fee Required

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

HCAD 420 Health Care Management Competencies (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.

This course will examine in-depth management competencies necessary to successfully operate a health care organization. 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 Leadership and Prof Development in Health Services (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.

The initial focus is on the practice of personal self-examination, including the development of strengths and the awareness of limitations. 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 Organizational Leadership Practices in Health Care (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, Special Course Fee Required
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.

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

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 172 Latin American History: Colonial to the Present (3 crs)

• *Credit may not be earned in both HIST 172 and LAS 172.*

Survey covering the major political, social, and economic developments and issues in Latin America's historical formation, from the colonial era to the present.

Attributes: 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 WGSS 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 IV Humanities, 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 IV Humanities, 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 IV Humanities, 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, gender, and sexuality studies, or junior standing, or consent of the instructor.

• *Credit may not be earned in both HIST 313 and WGSS 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 IV Humanities, LE-K3 Humanities, LE-R2 Global Perspectives, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 316 Studies in Asian/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. No credit if credit for the same topic has been earned in HIST 319 or HIST 491.*

Selected topics in Asian history or the history of transnational processes, persons, and events within and across 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: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 9 credits

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 Global and Comparative 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 global and comparative history. 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 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 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 IV Humanities, 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 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 348 History of Public Health in the United States (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.
 Credit may not be earned in both HIST 348 and HIST 491 when offered as History of Public Health in the United States.
 Introduces students to the key features of the history of public health in the United States, focusing primarily on developments in the twentieth and twenty first centuries. Organized around case studies of significant achievements in public health.

Attributes: LE-K3 Humanities, Undergraduate/Graduate Offering
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

HIST 349 The Global History of Disease (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor.
• No credit if credit for the same topic has been earned in HIST 349 or HIST 549.

This class explores the global history of disease from ancient times to the present. Includes social, political, and cultural aspects of the history of disease.

Attributes: LE-K3 Humanities, LE-R2 Global Perspectives, Undergraduate/Graduate Offering
 Lecture/Discussion Hours: 3
 Lab/Studio Hours: 0

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, Wilhelmian, Weimar, Nazi, and postwar period.

Attributes: Foreign Culture, GE IVC Humanities-History, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 367 Historical Roots of Health Disparities in the Americas (3 crs)

Prerequisite: 6 credits of history, or junior standing, or consent of instructor
This course explores the historical roots of health disparities by examining how the intersection of race, gender, sex, class, and medicine in the Atlantic world and Americas led to the creation of structural inequalities in medicine and society that impact people today.

Attributes: LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 368 Studies in American Indian History (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

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

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 IV Humanities, 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 WGSS 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 WGSS 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 380 Museums in the United States (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of the instructor.
Examines artifact analysis, museum history and methods. Students will design and install an exhibit at a local museum during the semester.

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 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 IV Humanities, 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 392 History of Antisemitism (3 crs)

Prerequisite: Six credits of history, or junior standing, or consent of instructor

Global history of antisemitism from ancient world to the present, religious roots; economic and racial origins; impact of Zionism, Holocaust and Arab-Israeli conflict.

Attributes: LE-K3 Humanities, LE-R2 Global Perspectives, Undergraduate/Graduate Offering

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 IV Humanities, 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 Great Britain (3 crs)

Consent: Instructor Consent Required

- *Open only to students participating in the Public History in Great Britain international immersion experience.*

In this course, students are introduced to historic preservation and interpretation as they are carried out in Great Britain. The course is conducted in Great Britain through a summer international immersion experience.

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 494 Teaching by Doing History (3 crs)

Prerequisite: Six credits of history or junior status or consent of instructor.

Limited to History Majors or Minors and Broadfield Social Studies Majors.

Students learn how to incorporate inclusive historical content and primary sources into secondary school curricula and classroom active learning strategies, such as digital humanities.

Attributes: Service-Learning, Half 15 Hours, Undergraduate/Graduate Offering

Lab/Studio Hours: 0

Seminar Hours: 3

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 LAS/HIST 309/509. 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 LAS/HIST 311/511. 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

HIST 513 Gender, Sex, and Science in European History (3 crs)

• Cross-listed with WGSS/HIST 313/513. 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 516 Studies in Asian/Pacific World History (3 crs)

• Cross-listed with HIST 316. Departmental permission required after course is taken for three credits. No credit if credit for the same topic has been earned in HIST 316/HIST 516, HIST 319/HIST 519, or HIST 491/HIST 691.

Selected topics in Asian history or the history of transnational processes, persons, and events within and across 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 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 Global and Comparative History (3 crs)

- Cross-listed with HIST 319. Departmental permission required after course is taken for three credits.

Selected topics in global and comparative history. 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 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 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 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/ENV 346/546. 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 548 History of Public Health in the United States (3 crs)

Introduces students to the key features of the history of public health in the United States, focusing primarily on developments in the twentieth and twenty first centuries. Organized around case studies of significant achievements in public health.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 549 The Global History of Disease (3 crs)

- Cross-listed with HIST 349. Credit may not be earned in both courses.

This class explores the global history of disease from ancient times to the present. Includes social, political, and cultural aspects of the history of disease.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

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 567 Historical Roots of Health Disparities in the Americas (3 crs)

- Cross-listed with HIST 367. Credit may not be earned in both courses.

This course explores the historical roots of health disparities by examining how the intersection of race, gender, sex, class, and medicine in the Atlantic world and Americas led to the creation of structural inequalities in medicine and society that impact people today.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 568 Studies in American Indian History (3 crs)

- Cross-listed with AIS/HIST 368/568. 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

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HIST 569 Wisconsin Indian History (3 crs)

- Cross-listed with AIS/HIST 369/569. 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 573 American Women's History to 1870 (3 crs)

- Cross-listed with WGSS/HIST 373/573. 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 WGSS/HIST 378/578. 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 580 Museums in the United States (3 crs)

- Cross-listed with HIST 380. Credit may not be earned in both courses.

Examines artifact analysis, museum history and methods. Students will design and install an exhibit at a local museum during the semester.

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 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 592 History of Antisemitism (3 crs)

Global history of antisemitism from ancient world to the present, religious roots; economic and racial origins; impact of Zionism, Holocaust and Arab-Israeli conflict.

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 WGSS/HIST 394/594.

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 Great Britain (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 Public History in Great Britain international immersion experience.

In this course, students are introduced to historic preservation and interpretation as they are carried out in Great Britain. The course is conducted in Great Britain through a summer international immersion experience.

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 694 Teaching by Doing History (3 crs)

Students learn how to incorporate inclusive historical content and primary sources into secondary school curricula and classroom active learning strategies, such as digital humanities.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lab/Studio Hours: 0

Seminar Hours: 3

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, LE-S1 Written and Oral Communication, 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, LE-S1 Written and Oral Communication, Field Trip(s) Required
Lecture/Discussion Hours: 4
Lab/Studio Hours: 1

HMNG 130 Hmong American Experiences in the U.S. (3 crs)

Prerequisite: No credit if taken after HUMS 110

An interdisciplinary examination of Hmong American refugee migration, history, politics, cultural transformations, and contemporary issues in the post-1975 era. Additional topics addressed may include race, religion, family, identity, gender, sexuality, education, and/or media.

Attributes: LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HMNG 341 Critical Hmong Studies Domestic Travel Seminar (1-3 crs)

Prerequisite: HMNG 130, HMNG 101, or HMNG 102, or instructor consent.

Consent: Instructor Consent Required

In-depth classroom experience accompanied by domestic travel to locations relevant to the study of Hmong history, language, politics, and culture. Extensive reading and interdisciplinary research projects may be assigned or conducted during the pre-departure and/or domestic intercultural immersion experience phases.

Attributes: Field Trip(s) Required
Repeat: Course may be repeated for a maximum of 6 credits

HMNG 342 Critical Hmong Studies International Travel Seminar (1-3 crs)

Prerequisite: HMNG 130, HMNG 101, or HMNG 102, or instructor consent.

Consent: Instructor Consent Required

In-depth classroom experience accompanied by international travel to locations relevant to the study of Hmong history, language, politics, and culture. Extensive reading and interdisciplinary research projects may be assigned or conducted during the pre-departure and/or international immersion experience phases.

Attributes: Field Trip(s) Required
Repeat: Course may be repeated for a maximum of 6 credits

HMNG 365 Intersectionality: Critical Approaches to Identity and Injustice (3 crs)

Prerequisite: HMNG 130 or WGSS 100.

• *Credit may not be earned in both HMNG/WGSS 365. No credit if taken after WGSS 434 when offered as "Intersectionality: Critical Approaches to Identity and Injustice."*

Uses an interdisciplinary humanities approach to critically examine the concept of intersectionality and its applications and implications on identities, historical and contemporary injustice, and social issues.

Attributes: LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

HMNG 391 Special Topics in Critical Hmong Studies (3 crs)

Prerequisite: HMNG 130, HMNG 101, or HMNG 102, or instructor consent.

In-depth study of a special topic related to the history, literature, language, culture, politics, and/or experiences of Hmong Americans or Hmong living in the larger global diaspora.

Repeat: Course may be repeated for a maximum of 9 credits
Lab/Studio Hours: 0
Seminar Hours: 3

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 118 Honors Colloquium in Natural Science with Integration (3-4 crs)

Prerequisite: Limited to students in the University Honors Program
Honors Course in Natural Science with Integration.

Attributes: Cultural Diversity Variable, GE II Natural Sciences, Honor Course, LE-I1 Integration, LE-K1 Natural Sciences, Service-Learning Variable
Repeat: Course may be repeated
Grading Basis: A-F Grades Only

HNRS 121 Honors Colloquium in Social Science (3-4 crs)

Prerequisite: Limited to students in the University Honors Program
Honors Course in Social Science.

Attributes: Cultural Diversity Variable, GE III Social Science, Honor Course, LE-K2 Social Sciences, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 122 Honors Colloquium in Social Science with Equity, Diversity, and Inclusivity (3-4 crs)

Prerequisite: Limited to students in the University Honors Program
Honors Course in Social Science and Equity, Diversity and Inclusivity.

Attributes: GE IIIG Social Science-Interdisciplinary Study, Honor Course, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 123 Honors Colloquium in Social Science and Global Perspectives (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.
Lower-level Honors Colloquium with liberal education outcomes in K2, social science, and R2, global perspectives.

Attributes: Honor Course, LE-K2 Social Sciences, LE-R2 Global Perspectives, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3-4

Lab/Studio Hours: 0

HNRS 125 Honors Colloquium in Social Science and Communication (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.
Honors Colloquium with liberal education outcomes in K2, social science, and S1, communication.

Attributes: GE III Social Science, Honor Course, LE-K2 Social Sciences, LE-S1 Written and Oral Communication, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3-4

Lab/Studio Hours: 0

HNRS 127 Honors Colloquium in Social Science with Creativity (3-4 crs)

Prerequisite: Limited to students in the University Honors Program
Lower-level Honors course is social science with creativity.

Attributes: GE IIIG Social Science-Interdisciplinary Study, Honor Course, LE-K2 Social Sciences, LE-S3 Creativity

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 128 Honors Colloquium in Social Science with Integrated Learning (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.
Honors Colloquium in Social Science with Integrated Learning

Attributes: GE III Social Science, Honor Course, LE-I1 Integration, LE-K2 Social Sciences, Service-Learning Variable

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3-4

Lab/Studio Hours: 0

HNRS 129 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program
Honors Course in Social Science and Equity, Diversity and Inclusivity (and Design for Diversity emphasis on traditionally underrepresented racial/ethnic groups).

Attributes: Cultural Diversity Variable, GE III Social Science, Honor Course, LE-DDIV Design for Diversity, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 131 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program
Honors Course in Humanities.

Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-K3 Humanities, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 132 Honors Colloquium in Humanities with Equity, Diversity, and Inclusivity (3-4 crs)

Prerequisite: Limited to students in the University Honors Program
Honors Course in Humanities and Equity, Diversity and Inclusivity.

Attributes: GE IVE Humanities-Interdisciplinary Studies, Honor Course, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 133 Honors Colloquium in Humanities with Global Perspective (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.
Honors Course in Humanities with Global Perspective.

Attributes: GE IV Humanities, Honor Course, LE-K3 Humanities, LE-R2 Global Perspectives, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3-4

Lab/Studio Hours: 0

HNRS 135 Honors Colloquium in Humanities with Communication (3-4 crs)

Prerequisite: Limited to students in the University Honors Program
Lower-level Honors Course in Humanities with Communication.

Attributes: GE IVE Humanities-Interdisciplinary Studies, Honor Course, LE-K3 Humanities, LE-S1 Written and Oral Communication

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 137 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program
Honors Course in Humanities with creativity.

Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-K3 Humanities, LE-S3 Creativity, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 138 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program
Honors Course in Humanities with Integration.

Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-I1 Integration, LE-K3 Humanities, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 139 Honors Colloquium in Humanities and Equity, Diversity and Inclusivity with Design for Diversity (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.
Honors Colloquium with liberal education outcomes in K3, humanities, and R1-DDIV, equity, diversity, and inclusivity + design for diversity.

Attributes: GE IV Humanities, Honor Course, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3-4

Lab/Studio Hours: 0

HNRS 141 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program
Honors Course in the Arts.

Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-K4 Fine Arts, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 142 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program
Honors Course in Arts and Equity, Diversity and Inclusivity.

Attributes: Cultural Diversity Variable, GE IVE Humanities-Interdisciplinary Studies, Honor Course, LE-K4 Fine Arts, LE-R1 Equity, Diversity, and Inclusivity, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 147 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program
Honors Course in Arts and Creativity.

Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-K4 Fine Arts, LE-S3 Creativity, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 151 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program
Honors Course in Communication.

Attributes: Cultural Diversity Variable, GE IA Communication-Language Arts, Honor Course, LE-S1 Written and Oral Communication, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 152 Honors Colloquium in Communication with Equity, Diversity and Inclusivity (3-4 crs)

Prerequisite: Limited to students in the University Honors Program.
Honors Colloquium with liberal education outcomes in S1, communication, and R1, equity, diversity and inclusivity.

Attributes: Honor Course, LE-R1 Equity, Diversity, and Inclusivity, LE-S1 Written and Oral Communication, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3-4

Lab/Studio Hours: 0

HNRS 156 Honors Colloquium in Communication and Creativity (3-4 crs)

Prerequisite: Limited to students in the University Honors Program
Honors Course in Communication and Creativity.

Attributes: GE IA Communication-Language Arts, Honor Course, LE-S1 Written and Oral Communication, LE-S3 Creativity

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 158 Honors Colloquium in Communication with Integration (3-4 crs)

Prerequisite: Limited to students in the University Honors Program
Honors Course in Communication with Integration.

Attributes: Cultural Diversity Variable, GE III Social Science, Honor Course, LE-I1 Integration, LE-S1 Written and Oral Communication, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 171 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program
Honors Course in creativity.

Attributes: Cultural Diversity Variable, Honor Course, LE-S3 Creativity, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 172 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program
Honors Course in Creativity with Equity, Diversity, and Inclusivity.

Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-R1
Equity, Diversity, and Inclusivity, LE-S3 Creativity, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 178 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program
Honors Course in creativity with integration.

Attributes: Cultural Diversity Variable, Honor Course, LE-I1 Integration, LE-S3
Creativity, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 187 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program
Honors Course in Global Perspectives and Civic, Social and Environmental
Responsibility.

Attributes: Cultural Diversity Variable, GE III Social Science, Honor Course, LE-
R2 Global Perspectives, LE-R3 Civic and Environmental Issues, Service-Learning
Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 188 Honors Colloquium (3-4 crs)

Prerequisite: Limited to students in the University Honors Program
Honors Course in Global Perspectives with Integration.

Attributes: Cultural Diversity Variable, GE V University Wide, Honor Course, LE-I1
Integration, LE-R2 Global Perspectives, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 189 Honors Colloquium in Civic, Social, and Environmental Responsibility (3-4 crs)

Prerequisite: Limited to students in the University Honors Program
Honors Course in Civic, Social and Environmental Responsibility

Attributes: Honor Course, LE-R3 Civic and Environmental Issues, Service-
Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3-4

Lab/Studio Hours: 0

HNRS 190 Honors Colloquium in Civic, Social and Environmental Responsibility with Integration (3-4 crs)

Prerequisite: Limited to students in the University Honors Program
Honors colloquium with liberal education outcomes in civic, social and
environmental responsibility (R3) with integration (IL1).

Attributes: Honor Course, LE-I1 Integration, LE-R3 Civic and Environmental
Issues, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 191 Honors Colloquium in Integrated Learning (3-4 crs)

Prerequisite: Limited to students in the University Honors Program
Honors Colloquium in Integrated Learning

Attributes: Honor Course, LE-I1 Integration, Service-Learning Variable

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 300 Honors Colloquium (1-4 crs)

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

Honors Course in Humanities.

Attributes: Cultural Diversity Variable, Honor Course, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 313 Honors Colloquium in Natural Science and Global Perspectives (3-4 crs)

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

Upper-level Honors Colloquium with liberal education outcomes in natural science (K1) and Global Perspectives (R2).

Attributes: Honor Course, LE-K1 Natural Sciences, LE-R2 Global Perspectives, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 314 Honors Colloquium in Natural Science with Civic, Social, and Environmental Responsibility (3-4 crs)

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

Upper-level Honors Course in Natural Science and Civic, Social and Environmental Responsibility.

Attributes: GE II Natural Sciences, Honor Course, LE-K1 Natural Sciences, LE-R3 Civic and Environmental Issues

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 318 Honors Colloquium in Natural Science with Integration (3-4 crs)

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

Upper-level Honors Course in Natural Science with Integration.

Attributes: GE II Natural Sciences, Honor Course, LE-I1 Integration, LE-K1 Natural Sciences

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 323 Honors Colloquium in Social Science with Global Perspective (3-4 crs)

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

Upper-level Honors Course in Social Science with Global Perspective.

Attributes: GE IIIG Social Science-Interdisciplinary Study, Honor Course, LE-K2 Social Sciences, LE-R2 Global Perspectives

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 324 Honors Colloquium in Social Science with Civic, Social, and Environmental Responsibility (3-4 crs)

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

Honors Course in Social Science and Civic, Social and Environmental Responsibility.

Attributes: Cultural Diversity Variable, GE III Social Science, Honor Course, LE-K2 Social Sciences, LE-R3 Civic and Environmental Issues, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 325 Honors Colloquium in Social Science with Communication (3-4 crs)

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

Honors Course in Social Science and Communication.

Attributes: Cultural Diversity Variable, GE III Social Science, Honor Course, LE-K2 Social Sciences, LE-S1 Written and Oral Communication, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 328 Honors Colloquium (3-4 crs)

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

Honors Course in Social Science with Integration.

Attributes: Cultural Diversity Variable, GE III Social Science, Honor Course, LE-I1 Integration, LE-K2 Social Sciences, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 329 Honors Colloquium in Social Science with Equity, Diversity, and Inclusivity (3-4 crs)

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

Upper-level Honors Colloquium with liberal education outcomes in K2, social science, and R1, equity, diversity, and inclusivity + design for diversity.

Attributes: GE III Social Science, Honor Course, LE-DDIV Design for Diversity, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity, Service-Learning Variable

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3-4

Lab/Studio Hours: 0

HNRS 331 Upper-level Honors Colloquium in Humanities (3-4 crs)

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

Upper-level Honors Colloquium in Humanities

Attributes: GE IV Humanities, Honor Course, LE-K3 Humanities, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 332 Honors Colloquium (3-4 crs)

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

Upper-level Honors Course in Humanities with equity, diversity, and inclusivity.

Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 333 Honors Colloquium in Humanities with Global Perspective (3-4 crs)

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

Upper-level Honors Course in Humanities with Global Perspective.

Attributes: GE IVE Humanities-Interdisciplinary Studies, Honor Course, LE-K3 Humanities, LE-R2 Global Perspectives

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 334 Honors Colloquium in Humanities and Civic, Social and Environmental Responsibility (3-4 crs)

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

Upper-level Honors Colloquium with liberal education outcomes in K3, humanities and R3, civic, social and environmental responsibility.

Attributes: GE IV Humanities, Honor Course, LE-K3 Humanities, LE-R3 Civic and Environmental Issues, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3-4

Lab/Studio Hours: 0

HNRS 335 Honors Colloquium in Humanities with Communication (3-4 crs)

Prerequisite: Limited to Students in the University Honors Program. Minimum Sophomore Standing required.

Upper-level Honors colloquium in Humanities with Communication

Attributes: GE IV Humanities, Honor Course, LE-K3 Humanities, LE-S1 Written and Oral Communication, Service-Learning Variable

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

HNRS 337 Honors Colloquium in Humanities with Creativity (3-4 crs)

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

Honors Course in Humanities and Creativity.

Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-K3 Humanities, LE-S3 Creativity, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 338 Honors Colloquium (3-4 crs)

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

Honors Course in Humanities and Creativity.

Attributes: GE IV Humanities, Honor Course, LE-I1 Integration, LE-K3 Humanities

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 339 Honors Colloquium (3-4 crs)

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

Upper-level Honors Course in Humanities with equity, diversity, and inclusivity.

Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 341 Honors Colloquium (3-4 crs)

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

Upper-level Honors Course in Arts with communication.

Attributes: GE IV Humanities, Honor Course, LE-K4 Fine Arts

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 345 Honors Colloquium in Arts with Communication (3-4 crs)

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

Upper-level Honors Course in Arts with Communication.

Attributes: GE IV Humanities, Honor Course, LE-K4 Fine Arts, LE-S1 Written and Oral Communication

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 347 Honors Colloquium in Fine Arts with Creativity (3-4 crs)

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

An upper-level Honors Colloquium with liberal education outcomes in K4, fine arts, and S3, creativity.

Attributes: GE IV Humanities, Honor Course, LE-K4 Fine Arts, LE-S3 Creativity, Service-Learning Variable

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3-4

Lab/Studio Hours: 0

HNRS 353 Honors Colloquium in Communication with Global Perspectives (3-4 crs)

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

Upper-level Honors Colloquium with liberal education outcomes in S1, communication, and R2, global perspective.

Attributes: Honor Course, LE-R2 Global Perspectives, LE-S1 Written and Oral Communication, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3-4

Lab/Studio Hours: 0

HNRS 358 Honors Colloquium in Communication with Integration (3-4 crs)

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

Upper-level Honors Course in Communication with Integration.

Attributes: Cultural Diversity Variable, GE IA Communication-Language Arts, Honor Course, LE-I1 Integration, LE-S1 Written and Oral Communication, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 359 Honors Seminar in Communication with Equity, Diversity and Inclusivity (3-4 crs)

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

Upper-level Honors Colloquium in Communication with Equity, Diversity and Inclusivity and Design for Diversity liberal education outcomes.

Attributes: Honor Course, LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity, LE-S1 Written and Oral Communication, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3-4

Lab/Studio Hours: 0

HNRS 368 Honors Colloquium in Mathematics with Integration (3-4 crs)

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

Upper-level Honors Course in Mathematics with Integration.

Attributes: Honor Course, LE-I1 Integration, LE-S2 Mathematics

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 371 Honors Colloquium (3-4 crs)

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

Honors Course in Creativity.

Attributes: Cultural Diversity Variable, Honor Course, LE-S3 Creativity, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 372 Honors Colloquium (3-4 crs)

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

Honors Course in Creativity.

Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-R1 Equity, Diversity, and Inclusivity, LE-S3 Creativity, Service-Learning Variable

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 378 Honors Colloquium (3-4 crs)

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

Honors Course in Creativity with Integration.

Attributes: Cultural Diversity Variable, GE IV Humanities, Honor Course, LE-I1 Integration, LE-S3 Creativity, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 381 Honors Colloquium (1-4 crs)

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

Upper-level Honors Course in Equity, Diversity and Inclusivity.

Attributes: Cultural Diversity Variable, Honor Course, LE-R1 Equity, Diversity, and Inclusivity, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 385 Honors Colloquium in Equity, Diversity and Inclusivity with Integration (3-4 crs)

Prerequisite: Limited to students in the University Honors program. Minimum sophomore standing.
Upper-level Honors Course in Equity, Diversity and Inclusivity with Integration.

Attributes: Honor Course, LE-I1 Integration, LE-R1 Equity, Diversity, and Inclusivity

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 387 Honors Colloquium (3-4 crs)

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

Upper-level Honors colloquium in global perspectives with civic, social, and environmental responsibilities.

Attributes: Cultural Diversity Variable, Honor Course, LE-R2 Global Perspectives, LE-R3 Civic and Environmental Issues, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 388 Honors Colloquium in Global Perspective with Integration (3-4 crs)

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

Upper-level Honors Course in Global Perspective with Integration

Attributes: Honor Course, LE-I1 Integration, LE-R2 Global Perspectives

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 389 Honors Colloquium (3-4 crs)

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

Honors Course in Civic, Social and Environmental Responsibility.

Attributes: Cultural Diversity Variable, Honor Course, LE-R3 Civic and Environmental Issues, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

HNRS 392 Honors Colloquium in Equity, Diversity and Inclusivity with Integration (3-4 crs)

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

Upper-level Honors Colloquium with liberal education outcomes in R1, equity, diversity, and inclusivity; DDIV, design for diversity; and, IL1, integrated learning.

Attributes: Honor Course, LE-DDIV Design for Diversity, LE-I1 Integration, LE-R1 Equity, Diversity, and Inclusivity, Service-Learning Variable

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3-4

Lab/Studio Hours: 0

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 concurrent enrollment in HNRS 400.
Minimum junior standing. Limited to students in the University Honors Program. With permission from the Honors Director, 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
Repeat: Course may be repeated for a maximum of 6 credits
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 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. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.

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 304 Fundamentals of Business Programming (3 crs)

- This course requires access to a laptop computer which can be brought to class when required. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.

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.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 307 Introduction to Business Analytics (3 crs)

Prerequisite: Sophomore standing or department consent. No credit if taken after IS 290.

- This course requires access to a laptop computer which can be brought to class when required. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.

An introduction to structured data and the relational model. An introduction to querying of structured data, its extraction and simple analyses in a spreadsheet environment.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 308 Business Analytics Programming (3 crs)

Prerequisite: Sophomore standing or department consent.

- This course requires access to a laptop computer which can be brought to class when required. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.

Covers fundamentals of programming needed to write scripts to extract, analyze and present data in a business intelligence setting. No previous programming experience is necessary. Provides a foundation for all business analytics courses in the College of Business.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 310 Business Process Modeling (3 crs)

Prerequisite: IS 240

- This course requires access to a laptop computer which can be brought to class when required. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.

Introduces concept of business processes. Major business processes are described along with their interactions with each other. Flow diagrams and other representations of processes are introduced. Process innovation, improvement and documentation are addressed.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 314 Advanced Business Programming (3 crs)

Prerequisite: IS 304, 307.

- This course requires access to a laptop computer which can be brought to class when required. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.

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.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 324 System Development Methodologies (3 crs)

Prerequisite: IS 304, IS 310

- This course requires access to a laptop computer which can be brought to class when required. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.

This course covers systems development methodologies in use by the Information Systems profession. Sequencing, activities and process characteristics are examined for each methodology. Appropriate tools to support each methodology are introduced and used. A decision framework for the selection of an appropriate methodology will be used.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 344 Database Management Systems (3 crs)

Prerequisite: IS 307

- This course requires access to a laptop computer which can be brought to class when required. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.

Study of physical and logical design and structure of relational databases; Advanced SQL; hands-on experience with enterprise database management software. Introduction to storage and manipulation of semi-structured and unstructured data.

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. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.

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.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 365 Information Assurance (3 crs)

Prerequisite: BCOM 206, IS 345. Minimum junior standing.

- This course requires access to a laptop computer which can be brought to class when required. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.

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. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.

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.

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 420 Internship in Information Systems (1-3 crs)

Prerequisite: Limited to IS majors.

Consent: Department Consent Required

- IS 310, IS 344, and IS 345 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-I1 Integration, 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. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.

A study of the content, theory, and methodology of distributed systems application development. Specifically, the course covers n-tier and web-based development.

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. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.

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

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

IS 460 Seminar in Information Systems (3 crs)

Prerequisite: BCOM 206, 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. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>. 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: Capstone Course, Special Course Fee Required

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

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, LE-K1

Natural Sciences, LE-K1L Natural Sciences with Lab

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

IDIS 131 Distance Running for Health and Fitness (2 crs)

- Coordinating Department: Kinesiology. No credit if taken after KINS 101 or KINS 186 when offered as Distance Running.

Design and implement a distance running training plan; learn the importance of wellness as related to health, nutrition, goal setting and resilience.

Attributes: Physical Activity, LE-I1 Integration, Field Trip(s) Required

Lecture/Discussion Hours: 1

Lab/Studio Hours: 1

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 190 Leadership for a Better World (1 cr)

- *Coordinating Department: Communication and Journalism. Enrollment priority given to Leadership Living-Learning Community members. No credit if credit has been earned in BSAD 191 when offered as Leadership for a Better World.*

This is an experiential course analyzing values of the Social Change Model of Leadership, exploring leadership identity/competencies, personal values, identifying strategies for positive change, and discussing current leadership issues.

Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

IDIS 200 Health Humanities (3 crs)

- *Coordinating Department: History.*

This course explores ideas about health through the perspectives of the humanities. Topics covered include the history of medicine and illness; bioethics; the role of narrative and other representational forms in the experience of illness, and health inequities and their causes.

Attributes: LE-I1 Integration, LE-K3 Humanities, Field Trip(s) Required
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

IDIS 213 Critical Approaches to Information & Research (2 crs)

Introduces natural and social science students to information literacy and research. Critically evaluates information and how it is generated, disseminated, and filtered.

Attributes: GE V University Wide, LE-I1 Integration
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 2
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 235 Critical Evaluation of Research and Information in CSD (1 cr)

Prerequisite: Co-requisite: CSD 235

This course will challenge students to ask questions and think critically about information encountered in life and in the CSD major. Students will develop strategies for conducting research focused on the field of Communication Sciences and Disorders, and learn the concepts of media literacy, including identifying misinformation and building fact-checking habits, which will be beneficial throughout their time at the University, in their careers, and as lifelong learners.

Lecture/Discussion Hours: 0
Lab/Studio Hours: 2

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 Social Studies Teaching, History Emphasis comprehensive majors and Middle Childhood-Early Adolescence majors.

- *Coordinating Department: Education for Equity and Justice.*

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 300 Integrated Performing Arts Across the Curriculum (3 crs)

Prerequisite: Minimum sophomore standing or by consent from the instructors

- *Coordinating Department: Music and Theatre Arts*

An introduction to the theories and practices of dance, music, and theatre techniques appropriate for integration across curriculum grades 1-8. Open to all majors.

Attributes: GE IVA Humanities-Fine Arts, LE-I1 Integration

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: Nursing*

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 303 Understanding the Arts (3 crs)

- *Coordinating Department: Music and Theatre Arts.*

This course empowers students to decode the language of the visual and performing arts. Students will consider historical and cultural contexts of works of art and develop aesthetic literacy.

Attributes: LE-K4 Fine Arts

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 339 Preparatory Course for the Central European Travel Seminar (3 crs)

Consent: Instructor Consent Required

- *Coordinating Department: History.*

Prepares students for IDIS 340/540, the Central European Travel Seminar held during summer session. Students will study the historical and contemporary perspectives for allied disciplines.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

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, LE-I1 Integration, LE-R2

Global Perspectives, 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 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 398 International Internships (1-6 crs)

Prerequisite: Sophomore standing and meet stated GPA requirement.

Department (Center for International Education) consent required.

Consent: Department Consent Required

- *Coordinating Department: Career Services.*

Virtual or in-person international internship opportunities offered by UW-Eau Claire partners at multiple locations with placement best suited to student's academic and career goals. Internships are unpaid. To apply, contact the Center for International Education.

Attributes: Internship

Repeat: Course may be repeated for a maximum of 12 credits

Grading Basis: A-F Grades Only

IDIS 410 Arts Administration Seminar (3 crs)

Prerequisite: Twelve credits of adviser-approved electives in 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 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 539 Preparatory Course for the Central European Travel Seminar (3 crs)

Consent: Instructor Consent Required

- *Coordinating Department: History.*

Prepares students for IDIS 340/540, the Central European Travel Seminar held during summer session. Students will study the historical and contemporary perspectives for allied disciplines.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

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 361 International Experience in India (3 crs)

Prerequisite: ECON 103 or ECON 104. Total GPA 2.60 or higher

- *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, LE-R2 Global Perspectives, 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)

Prerequisite: ECON 103 or ECON 104. Total GPA 2.60 or higher

- *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, LE-R2 Global Perspectives, Undergraduate/Graduate Offering, Field Trip(s) Required, Special Course Fee Required Varies by Term/Section

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

INTB 491 Topics in International Business (1-3 crs)

Prerequisite: MGMT 340 and MKTG 330. Minimum junior standing.

- *Course may be repeated when topic differs.*

Current issues in international business will be the focus of attention. Topic selection will be made by the instructor. Issues will be those facing contemporary management professionals.

Repeat: Course may be repeated for a maximum of 99 credits

Grading Basis: A-F Grades Only

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 total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.*

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 total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.*

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 total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.*

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 total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.*

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 (6-7 crs)

Prerequisite: Minimum total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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: A-F Grades Only

INTX 381 University of Aberdeen, Aberdeen, Scotland (12-18 crs)

Prerequisite: Minimum total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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: Minimum total GPA of 2.5. Minimum sophomore standing.

Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Fulfills complete Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

A one semester or academic year exchange. Prior German language study required for regular university classes. International Undergraduate Studies Program is open to students with no prior study of German. Housing is in university residences.

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 total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 436 UPAEP, Puebla, Mexico (12-18 crs)

Prerequisite: SPAN 301. Minimum total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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

International Studies Abroad (INTA)

INTA 301 USAC-University of Pau, France Summer (4-11 crs)

Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Six credits of Foreign Culture requirement waived upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

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 total 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. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

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 305 USAC Cuba Short Term (3-8 crs)

Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.

Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Three credits (if taken with Cuban faculty) of Foreign Culture requirement waived upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

A 3-6 week summer program or 3 week Winterim program located in Habana, Cuba. Students enroll in a variety of Cuban culture and Central American history and politics courses. Some excursions are included and optional excursions are offered. Students live in bed and breakfast style apartments.

Attributes: Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 309 USAC-Lyon, France Semester (12-18 crs)

Prerequisite: FREN 201. Minimum total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 310 USAC: Prague, Czech Republic (12-18 crs)

Prerequisite: minimum sophomore standing; 2.5 total GPA (as required by program)

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

Study in Prague for the semester or academic year, taking courses in English, about European politics, culture and art, along with a Czech conversation and culture class. Courses are hosted at Charles University and offered through the University Studies Abroad Consortium (USAC). Some field trips are included, and volunteer opportunities may be available, particularly for education students. You'll live in shared apartments with other USAC students.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 312 USAC Costa Rica, Universidad Nacional de Costa Rica (12-18 crs)

Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.

Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Fulfills the Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

Students attend the Universidad Nacional de Costa Rica, through the University Studies Abroad Consortium (USAC), where they will study Spanish language and culture. Students live with host families.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 313 USAC Costa Rica, Universidad Nacional de Costa Rica - Summer (3-10 crs)

Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.

Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. 3 week session can fulfill 1/3 of the Foreign Culture requirement upon successful program completion. 5 week, or 8 week session can fulfill 2/3 of the Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

Students attend the Universidad Nacional de Costa Rica, through the University Studies Abroad Consortium (USAC), where they will study Spanish language and culture. Students live with host families.

Attributes: Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 315 USAC: Prague, Czech Republic-Summer (3-11 crs)

Prerequisite: minimum sophomore standing; 2.5 total GPA (as required by program)

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

Study in Prague for the summer and take courses, in English, about European politics, culture and art. Courses are hosted at Charles University and offered through the University Studies Abroad Consortium (USAC). Some field trips are included, and an optional 1-credit field study in Vienna and Budapest is offered. Volunteer opportunities may be available, particularly for education students. You'll live in shared apartments with other USAC students.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 317 USAC-Australia: Deakin University-Winterim (3-4 crs)

Prerequisite: minimum sophomore standing, 2.6 total GPA (as required by program)

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

Live what you are learning! Spend Winterim in Australia, taking a course about contemporary Australia while interacting with Australian university students. This program is offered through the University Studies Abroad Consortium (USAC) and hosted by Deakin University's Geelong campus. Some social activities are included in the program, and many others are offered for an additional fee. You'll live in shared apartments.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 318 Study Abroad-Limerick, Ireland (12-18 crs)

Prerequisite: Minimum total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 319 University of Limerick Int'l Summer School (3-6 crs)

Prerequisite: Minimum total 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. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

Take a business, kinesiology, healthcare or Irish studies class in this three-week summer school hosted by the University of Limerick! You'll live in student residences. Organized fieldtrips are included.

Attributes: Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 324 USAC Costa Rica, Universidad de Costa Rica - Sede de Occidente (12-18 crs)

Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.

Consent: Department Consent Required

Individual courses may apply toward GE, if appropriate. Fulfills the Foreign Culture requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 325 USAC Costa Rica, Universidad de Costa Rica - Sede de Occidente, Summer (3-11 crs)

Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.

Consent: Department Consent Required

Individual courses may apply toward GE, if appropriate. Students who enroll in either the 5 week, 4 week, or 9 week session can fulfill 2/3 of the Foreign Culture Requirement upon successful program completion. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad. Students attend the Universidad de Costa Rica - Sede de Occidente, through the University Studies Abroad Consortium (USAC), where they will study Spanish language and culture. Students live with host families.

Attributes: Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 328 USAC: Puntarenas, Costa Rica-Winterim (3-4 crs)

Prerequisite: minimum sophomore standing; 2.5 total GPA (as required by program)

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

Spend Winterim in Costa Rica! You can earn 3-4 credits in Ecological Studies (including Tropical Marine Biology), Spanish or Latin American Studies through the University Studies Abroad Consortium (USAC). No previous Spanish study required. Some excursions are included; additional optional activities are offered. You'll live with a host family.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 332 USAC: Bengaluru, India (12-18 crs)

Prerequisite: minimum sophomore standing; 2.5 total GPA (as required by program)

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

Study in Bengaluru (Bangalore), India for a semester or the full academic year! You'll choose from courses taught, in English, in subjects such as Indian culture, global perspectives, Buddhism, health care, gender studies, and Hindi language. Courses are hosted at Christ University and offered through the University Studies Abroad Consortium (USAC). Some field trips are included, and volunteer opportunities are available. You'll live in co-ed apartments or a women's only residence hall with other USAC students.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 334 USAC: Bengaluru, India-Summer (4-7 crs)

Prerequisite: minimum sophomore standing; 2.5 total GPA (as required by program)

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

Spend the summer studying in Bengaluru (Bangalore), India! You'll choose from courses, taught in English, in subjects such as Indian culture, Buddhism, health care, gender studies, and Hindi language. Courses are hosted at Christ University and offered through the University Studies Abroad Consortium (USAC). Some field trips are included, and volunteer opportunities are available. You'll live in shared apartments with other USAC students.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 335 USAC Thailand, Chiang Mai University Summer (3-11 crs)

Prerequisite: Minimum total 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. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

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 total 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. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

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 337 USAC-Australia: Deakin University-Semester (12-18 crs)

Prerequisite: minimum sophomore standing; 2.6 total GPA (as required by program)

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

This program is offered through the University Studies Abroad Consortium (USAC) and hosted by Deakin University in Melbourne, Australia. Students will be fully immersed in the local Australian lifestyle! Enroll in courses amongst local Australian students in a large variety of subject areas. Students live in shared apartments. Optional excursions/activities available.

Attributes: Foreign Culture

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 339 University of Winchester, England (12-18 crs)

Prerequisite: Minimum total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 344 Kansai Gaidai University, Hirakata, Japan-Summer (3-7 crs)

Prerequisite: minimum sophomore standing; one semester college-level Japanese; total GPA of 3.0

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

In this six-week summer program, you will take a Japanese language course at an appropriate level and Introduction to Asian Studies, while participating in cultural activities organized by Kansai Gaidai University. Housing is in the international student dormitory on campus.

Grading Basis: A-F Grades Only

INTA 347 UNIVERSITY OF HAIFA-ISRAEL (5-10 crs)

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

Spend your summer at the University of Haifa, Israel through the University Studies Abroad Consortium (USAC). Choose from intensive Arabic language, intensive Hebrew language, or a Mediterranean studies course. Some field trips are included, and volunteer opportunities may be available. You'll live in university residence halls.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 348 Study Abroad-Murdoch University-Perth, Australia (12-18 crs)

Prerequisite: Minimum total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 349 USAC: Israel, University of Haifa-Summer (5-10 crs)

Prerequisite: minimum sophomore standing; 2.5 total GPA (as required by program)

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

Spend your summer at the University of Haifa, Israel through the University Studies Abroad Consortium (USAC). Choose from intensive Arabic language, intensive Hebrew language, or a Mediterranean studies course. Some field trips are included, and volunteer opportunities may be available. You'll live in university residence halls.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 350 Southern Cross University-Lismore, Australia (12-18 crs)

Prerequisite: Minimum total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 351 USAC: Israel, University of Haifa (12-18 crs)

Prerequisite: minimum sophomore standing; 3.0 total GPA (as required by program)

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

Study for the semester or an academic year at the University of Haifa, Israel through the University Studies Abroad Consortium (USAC). Choose from regular university courses, taught in English, in areas such as communications, Israel/Middle East studies, peace/conflict studies, history, literature, religious studies, and Arabic and Hebrew language. Spring semester students can go early for an intensive language class. Some field trips are included, and volunteer opportunities may be available. You'll live in university residence halls.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 354 USAC New Zealand: Massey University Wellington-Summer (6 crs)

Prerequisite: minimum sophomore standing; 2.75 total GPA (as required by program)

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

Students choose one of the three tracks for the National Expedition Field Study in Wellington, New Zealand (15 Massey credits= 3UWEC): (communication & marketing; disaster risk & emergency management; creative expression & digital media). Then the last 4 weeks they complete an internship (15 Massey credits= 3 UWEC) experience at the end of the program. Field study taught by local faculty and with local and international students.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 355 USAC Ghana, University of Ghana Summer (3-10 crs)

Prerequisite: Minimum GPA of 2.50. Minimum sophomore standing

Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Three credits of the Foreign Culture requirement waived upon successful completion of service learning course. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

A three-eight week, summer study abroad program at the USAC Center located at the University of Ghana. Students enroll in a variety of African culture courses, taught in English. Students live in the international student hostel. Some excursions included.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 356 USAC Ghana, University of Ghana (12-18 crs)

Prerequisite: Minimum total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 357 USAC New Zealand: Massey University Hawke's Bay-Summer (6 crs)

Prerequisite: minimum sophomore standing; 2.75 total GPA (as required by program)

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

Spend your summer on the National Expedition Field Study: Agriculture & Environment in Hawke's Bay, New Zealand. Enroll in 15 Massey credits (3 UWEC) for the first two weeks of program. Then the last 4 weeks, complete an internship placement for 15 Massey credits (3 UWEC). This program is only for those pursuing environmental/agriculture focused degrees. Field study is taught by local faculty and with other international/local students.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 359 USAC Japan, Nagasaki University of Foreign Studies (12-18 crs)

Prerequisite: Minimum total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 361 Study Abroad-Harlaxton, England Summer (3-6 crs)

Prerequisite: Minimum total 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. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

Summer program at Harlaxton College near Grantham, England, in partnership with the University of Evansville. Courses taught by British and U.S. faculty. Housing is in Harlaxton Manor or Carriage House.

Repeat: Course may be repeated for a maximum of 99 credits

Grading Basis: A-F Grades Only

INTA 368 University of Aberdeen, Aberdeen, Scotland (12-18 crs)

Prerequisite: Minimum total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 370 University of Glasgow International Summer School (3-9 crs)

Prerequisite: Minimum total GPA of 3.0. 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. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

The U of Glasgow International Summer School provides a number of STEM options in biology, geology, mathematics and physics. Students may participate in a June session, a July session, or both, depending upon course choice. Housing is in university residence halls.

Repeat: Course may be repeated for a maximum of 99 credits

Grading Basis: A-F Grades Only

INTA 371 USAC: Reggio Emilio, Italy (12-18 crs)

Prerequisite: minimum sophomore standing; 2.5 total GPA (as required by program)

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

Study for a semester or the academic year in Reggio Emilia, Italy! You'll take an intensive Italian language course, then choose from courses, taught in English, in education, health, communications and Italian studies. Courses are hosted at the University of Modena and Reggio Emilia (UNIMORE) and offered through the University Studies Abroad Consortium (USAC). Classes include visits to relevant local organizations including schools, hospitals, and local businesses. Internships may also be available for qualified students. Some field trips are included, and optional excursions are offered at additional cost. Most students live in residence halls; limited homestay options are available.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 372 USAC: Reggio Emilio, Italy-Summer (3-11 crs)

Prerequisite: minimum sophomore standing; 2.5 total GPA (as required by program)

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

Spend your summer in Reggio Emilia, Italy! Choose from courses, taught in English, about education, health, communications and Italian language and culture. Courses are hosted at the University of Modena and Reggio Emilia (UNIMORE) and offered by the University Studies Abroad Consortium (USAC). Classes include visits to relevant local organizations including schools, hospitals, and local businesses. Internships may also be available for qualified students attending both sessions. Some field trips are included, and optional excursions are offered at additional cost. Most students live in residence halls; limited homestay options are available.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 373 USAC: Bilbao, Spain (12-18 crs)

Prerequisite: minimum sophomore standing; 2.5 total GPA (as required by program)

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

A one or two semester program at the USAC Center located on the University of the Basque Country (UPV). Enroll in Spanish language study and electives, taught in Spanish or English, in language, literature, business or cultural studies. No previous Spanish required. Students live in off campus homestays or apartments arranged by USAC. Some excursions included.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 374 USAC: Bilbao, Spain-Summer (3-11 crs)

Prerequisite: minimum sophomore standing; 2.5 total GPA (as required by program)

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

A three-eight week, summer program at the USAC Center located on the University of the Basque Country (UPV). Students can enroll in intensive language courses or choose from a variety of electives, taught in English, in business and cultural studies. Students live in shared apartments or a homestay. Some excursions included.

Grading Basis: A-F Grades Only

INTA 376 USAC: Valencia, Spain (12-18 crs)

Prerequisite: minimum sophomore standing; 2.5 total GPA (as required by program)

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

A one or two semester program at the USAC Center located at the Polytechnic University of Valencia. Enroll in a Spanish language track and electives, taught in Spanish or English, literature, business, STEM or cultural studies. No previous Spanish required. Students live in off campus shared apartments or homestays arranged by USAC. Some excursions included.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 377 USAC: Valencia, Spain-Summer (3-11 crs)

Prerequisite: minimum sophomore standing; 2.5 total GPA (as required by program)

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

A three-eight week, summer program at the USAC Center located on the Polytechnic University of Valencia. Students can enroll in intensive language courses or choose from electives, taught in English, in science, engineering, math and business. Students live in shared apartments or a homestay. Some excursions included.

Grading Basis: A-F Grades Only

INTA 379 University of Valladolid, Spain-Summer (1-8 crs)

Prerequisite: Minimum sophomore standing. Minimum total GPA of 2.50.

Consent: Department Consent Required

- Summer programs may fulfill part of the Foreign Culture requirement, individual courses taken on the program may fulfill GE or LE, and students can opt to fulfill an I1 requirement through additional assignments while abroad.

The University of Valladolid offers a number of summer program options, including intensive language and culture at all levels, Spanish for business, Spanish for healthcare, and a seminar on teaching Spanish as a foreign language for students about to start their student teaching. Cultural excursions are included in the program; students live with host families.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 380 Study Abroad-Valladolid, Spain (12-18 crs)

Prerequisite: SPAN 301. Minimum total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 381 USAC Poland Semester, Cracow University of Economics (12-18 crs)

Prerequisite: Minimum total 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 completion. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

A one or two semester study abroad program at the USAC center located in Kraków, Poland. Students will enroll in a variety of Polish culture, European studies, international business and Jewish studies courses. All courses are taught in English. Student live in off campus apartments or residence halls arranged by USAC.

Attributes: Foreign Culture, Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 382 USAC Poland Summer, Cracow University of Economics (4-8 crs)

Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.

Consent: Department Consent Required

- Individual courses may apply toward GE, if appropriate. Fulfills 3 credits of Foreign Culture requirement upon successful completion of Polish language course and program. Individual courses may apply toward LE, if appropriate. This program can fulfill I1 upon completion of I1 assignments when abroad.

Spend the summer at the USAC center located in Kraków, Poland. Students will enroll in a variety of Polish culture, European studies, international business and Jewish studies/Holocaust studies courses. Students will live in off campus apartments or residence halls. Some excursions included.

Attributes: Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 384 USAC South Korea: Chonnam National University (12-18 crs)

Prerequisite: minimum sophomore standing; 2.5 total GPA (as required by program)

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

Students attending Chonnam National University may enroll in a wide variety of courses, taught in English. Housing is in double rooms within a campus residence hall. There is an opportunity for students to be paired with a local Korean student buddy to practice Korean/English. No previous language is required.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 385 USAC South Korea: Chonnam National University-Summer (3-6 crs)

Prerequisite: minimum sophomore standing; 2.5 total GPA (as required by program)

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

Spend 4 weeks and take up to 6 credits in a wide variety of courses in a wide variety of majors at CNU's International Summer Session. Courses are taught by local faculty and are with other international students. Some field trips included.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 387 USAC-South Korea: Yonsei University Short-Term (3-9 crs)

Prerequisite: minimum sophomore standing; 2.5 total GPA (as required by program)

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

Spend summer or winterim at Yonsei University in Seoul, South Korea. Both terms offer a selection of courses, taught in English. Students who participate in the 3-week winterim program can enroll in 3-6 credits. In the 6-week summer program, students enroll in 6-9 credits. Summer students can also participate in an internship program. Included and optional field trips are offered both terms!

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 388 USAC-South Korea: Yonsei University-Semester (12-18 crs)

Prerequisite: minimum sophomore standing; 2.5 total GPA (as required by program); degree seeking students currently attending UWEC (as required by program)

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

This program is offered through the University Studies Abroad Consortium (USAC) and hosted by Yonsei University in Seoul, South Korea. Students will be fully immersed in the Korean culture as they enroll in courses amongst local and international students. A large variety of courses are taught in English. Students live in residence halls. Optional excursions/activities available.

Attributes: Foreign Culture

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 390 USAC: Florianopolis, Brazil (12-18 crs)

Prerequisite: Minimum sophomore standing; 2.5 total GPA (as required by program)

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

Study in Brazil for a semester or the academic year. You will take a Portuguese language class and choose additional courses, taught in English. Subjects include international business, environmental/conservation management, and Latin American studies. This program is offered through the University Studies Abroad Consortium (USAC) and hosted by the Universidade Federal de Santa Catarina (UFSC). No previous study of Portuguese is required. Some field trips are included in the program costs, and internship opportunities may be available for qualified students. You can live with a host family or in a shared apartment with other USAC students.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 391 USAC: Florianopolis, Brazil-Summer (3-11 crs)

Prerequisite: minimum sophomore standing; 2.5 total GPA (as required by program)

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

Spend the summer in Brazil! You can choose from a Portuguese language track or courses taught in English. Subjects include international business, environmental/conservation management, and Latin American studies. This program is offered through the University Studies Abroad Consortium (USAC) and hosted by the Universidade Federal de Santa Catarina (UFSC). No previous study of Portuguese is required. Some field trips are included in the program costs, and internship opportunities may be available for qualified students. You can live with a host family or in a shared apartment with other USAC students.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 392 USAC Universidade Catolica Portuguesa, Lisbon, Portugal-Summer (3-12 crs)

Prerequisite: minimum sophomore standing; total GPA of 2.5

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

In this four-or-eight week summer program, you will choose from business, economics and Portuguese studies courses taught in English. UCP is in the 1% of universities worldwide with "Triple Crown" business accreditation (AACSB, European Foundation for Management Development, Association for MBAs). You'll live in student housing with shared kitchen, bath and living facilities. Cultural activities are available.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 393 USAC Universidade Catolica Portuguesa, Lisbon, Portugal (12-18 crs)

Prerequisite: minimum sophomore standing; total GPA of 2.5

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

In this semester or academic year program, you will choose from business, economics and Portuguese studies courses taught in English. UCP is in the 1% of universities worldwide with "Triple Crown" business accreditation (AACSB, European Foundation for Management Development, Association for MBAs). You'll live in student housing and share kitchen, bath and living facilities. Internships, student organizations, volunteering and cultural activities are available.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 399 University of Stirling, Stirling, Scotland (12-18 crs)

Prerequisite: Minimum total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 400 Chile, Pontificia Universidad Católica de Valparaíso (12-18 crs)

Prerequisite: Minimum total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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

INTA 402 University of Stirling, Stirling, Scotland (6-9 crs)

Prerequisite: Minimum total GPA of 3.00. 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

A four or eight week, summer study abroad program at the University of Stirling in Scotland. Students take two or three classes for a total of six to nine credits. Internship opportunities exist. Students live in residence halls.

Attributes: Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 406 USAC New Zealand, Massey University (12-18 crs)

Prerequisite: Minimum total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

A four-week summer program at the University of Stellenbosch. Students take one course in South African political history and choose from three tracks: African studies, business, or public health. Students live in university residence halls.

Attributes: Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 412 Stellenbosch University, South Africa (12-18 crs)

Prerequisite: Minimum total 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

Grading Basis: A-F Grades Only

INTA 414 Chile, Pontificia Universidad Católica de Valparaíso, Winterim (3-6 crs)

Prerequisite: minimum sophomore standing; 2.75 GPA

Consent: Department Consent Required

- Individual courses may apply toward LE, if appropriate. This program can fulfill an I1 requirement upon completion of I1 assignments prior to departure, while abroad and upon return.

Students choose 2 classes (six credits) from the PUC-V intensive Spanish program and participate in co-curricular cultural activities. Housing is with host families.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 415 Marburg, Germany (12-18 crs)

Prerequisite: Minimum total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

The Intensive German Studies Program (IGSP) and International Undergraduate Studies Program (IUSP) at the University of Marburg, Germany immerse students in German language and culture. IUSP students also take regular university classes in English or German. 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 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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: Two Italies (12-18 crs)

Prerequisite: Minimum 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

The Lorenzo de' Medici Two Italies program includes six weeks each in Tuscania and Florence, with a set curriculum of three credits of Italian language and four courses in English. Housing in apartments. This program is for the Fall or Spring semester.

Attributes: Foreign Culture, Special Course Fee Required

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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 435 Lorenzo de' Medici Tuscania 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 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 total 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. Individual courses may apply toward LE, if appropriate. This program can full I1 upon completion of I1 assignments when abroad.

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 490 Virtual International Internship Experience (1-6 crs)

Prerequisite: Minimum sophomore standing; 3.0 total GPA (as required by program)

Consent: Department Consent Required

- This program cannot fulfill an I1 requirement.

Complete a virtual internship, with an international organization/company, from the comforts of your own home! Placements will be with companies based outside the U.S. and be tailored to the student's academic/professional interests. Specific placements cannot be guaranteed. All internships are unpaid.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

INTA 498 API International Internships (6 crs)

Prerequisite: Minimum total GPA of 2.50. Minimum sophomore standing.

Consent: Department Consent Required

- *No foreign culture can be waived. This program can fulfill I1 upon completion of I1 assignments when abroad.*

This program gives students the opportunity to intern in 9 different countries. Housing will vary depending on location. Students will be placed in an internship that best fits their academic and career goals. The program is offered in the summer and is 8 weeks long. Internships are unpaid.

Attributes: Special Course Fee Required

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

International Studies (INTS)

INTS 145 Study Abroad Orientation (1 cr)

Consent: Department Consent Required

- *Must be accepted to study abroad via a UW-Eau Claire program and complete the course before the student can study abroad.*

This course will provide students with tools to understand the logistical, academic, and cross-cultural issues they must navigate during study abroad. Students will engage in activities geared towards learning about the host country and increasing their cultural awareness, cross-cultural sensitivity, and adaptability to a new culture.

Attributes: Foreign Culture

Grading Basis: S/U Only Grade Basis

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

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

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, LE-R2 Global Perspectives

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, LE-R2 Global Perspectives

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 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.

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 275 Prevention and Care of Athletic/Exercise Injuries (3 crs)

Prerequisite: KINS 294 or KINS 204 for athletic training majors.

Consent: Department Consent Required

- *Evidence of CPR & First Aid certification is required for enrollment.*

This lecture/lab based course is an introduction to the basic concepts and fundamentals of the prevention, recognition, treatment, and rehabilitation of athletic or exercise-related injuries.

Attributes: Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

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 PE teaching, Sport Pedagogy, and Exercise Science 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: 1

KINS 300 Planning, Implementation, and Assessment: Invasion Games (2 crs)

Prerequisite: KINS 290. Limited to KINS PE teaching, Sport Pedagogy and Exercise Science majors

- *Exercise Science 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. Limited to KINS PE teaching, Sport Pedagogy and Exercise Science majors

- *Exercise Science 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, sport pedagogy majors and movement studies 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 KINS PE teaching, Sport Pedagogy and Exercise Science majors

- *Exercise Science 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.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

KINS 304 Biomechanical Kinesiology (3 crs)

Prerequisite: KINS 294, PHYS 100 or PHYS 211, all with C or above. 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 KINS PE teaching, Sport Pedagogy and Exercise Science majors

- *Exercise Science 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.

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 total GPA of 2.50. Minimum sophomore standing.

- *2.50 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 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 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 275, 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 308 or concurrent enrollment. Minimum resident and total GPA of 2.75. Limited to pre-Rehabilitation Science majors or consent of instructor.

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)

Prerequisite: KINS 290

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. Student completes approximately 10-15 hours of observation/teaching.

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. Student completes approximately 10-15 hours of observation/teaching.

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 355, 358. Minimum GPA of 2.50. Limited to Rehabilitation Science and Exercise Science majors and Kinesiology minors; or consent of instructor.

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 355 and 358 for Rehabilitation Science majors. Minimum 2.50 grade point average. Instructor consent required for other majors.

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 354 Laboratory Procedures in Exercise Science (3 crs)

Prerequisite: KINS 308 and KINS 309 (Grade of C or above); GPA of 2.5 or above

A theory and laboratory course of the measurement and analysis of the physiology tests for health, performance, and research commonly used in an exercise physiology laboratory.

Attributes: Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

KINS 355 Exercise Physiology Laboratory Assessment (3 crs)

Prerequisite: KINS 304, KINS 308, and KINS 320. Limited to Rehabilitation Science 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 total GPA of 2.50. KINS 309 also required for Exercise Science majors.

- 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 Fitness Assessment and Exercise Prescription (4 crs)

Prerequisite: KINS 355 or concurrent enrollment. Limited to admitted rehabilitation science majors.

This course provides students with the theoretical knowledge and practical skills required of the entry-level exercise specialist.

Lecture/Discussion Hours: 5

Lab/Studio Hours: 2

KINS 375 Evaluation Techniques-Lower Body (3 crs)

Prerequisite: KINS 275 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 Exercise Science, Rehabilitation Science, Athletic Training and Kinesiology majors
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. Limited to Exercise Science, Rehabilitation Sciences, and 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 Rehabilitation Science Seminar (2 crs)

Prerequisite: Limited to Rehabilitation Science majors. KINS 474 must be taken concurrently.

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: 0

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 Clinical Exercise Physiology (3 crs)

Prerequisite: KINS 355, and KINS 358 or consent of instructor.

This course will provide students with an overview of pathophysiology of prevalent chronic diseases with primary emphasis on the physiological and technical basis of exercise prescription for the treatment and rehabilitation of chronic disease.

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

Grading Basis: S/U Only Grade Basis

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

KINS 474 Research Methods in Kinesiology (4 crs)

Prerequisite: MATH 246. Limited to Rehabilitation Science, Kinesiology and Athletic training majors. KINS 316 is also required for Athletic Training majors. Rehabilitation Science majors must take this course with KINS 440. 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-I1 Integration, LE-S3 Creativity
Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

KINS 476 Exercise Science Seminar (3 crs)

Prerequisite: KINS 357. Minimum 2.50 total GPA. Limited to Exercise Science majors

- *Limited to Exercise Science majors in their final year before graduation.*

This is the capstone experience for students in Exercise Science. Students will develop a portfolio, lead and participate in professional discussions and present a project.

Attributes: LE-S3 Creativity, Capstone Course
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

KINS 484 Adapted Physical Activity (3 crs)

Prerequisite: KINS PE Teaching majors: KINS 290. Admitted Rehabilitation Science majors and concurrent enrollment in KINS 355 and KINS 358.

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 (1-2 crs)

Prerequisite: Limited to Rehabilitation Science majors; KINS 355, KINS 358, KINS 484.

A lab course applying knowledge and practical skills in a full-time rehabilitation work environment. Field experience a minimum of 100 hours is required.

Attributes: Special Course Fee Required
Repeat: Course may be repeated for a maximum of 2 credits
Grading Basis: A-F Grades Only
Lab/Studio Hours: 2
Practicum Hours: 4

KINS 492 Coaching Practicum and Seminar (4 crs)

Prerequisite: KINS 292. Minimum senior standing.

Consent: Department Consent Required

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: Undergraduate/Graduate Offering, Capstone Course, Special Course Fee Required
Seminar Hours: 2
Practicum Hours: 4

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. Field experience a minimum of 90 hours is required.

Attributes: Undergraduate/Graduate Offering, 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)

Prerequisite: Limited to admitted Physical Education Teacher Education majors.

Consent: Instructor Consent Required

- *Limited to Physical Education Teacher Education majors who are in their final year before graduation.*

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 Exercise Science Internship (6 crs)

Prerequisite: KINS 476. Minimum total GPA of 2.50. Limited to Exercise Science majors

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: LE-11 Integration, 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. Student completes approximately 10-15 hours of observation/teaching.

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. Student completes approximately 10-15 hours of observation/teaching.

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.*

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

Practicum Hours: 4

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. Field experience a minimum of 90 hours is required.

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 700 Principles of Athletic Training (3 crs)

Prerequisite: Limited to students admitted to the M.S. in Athletic Training program.

Introduction to the foundational knowledge of the athletic training profession, concepts in the prevention of athletic injuries, and exposure to fundamental skills, knowledge, and techniques in athletic training based upon evidence-based criteria.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

KINS 700A Principles of Athletic Training (3 crs)

Prerequisite: Limited to students accepted into the MSAT Accelerated Plan.

Credit cannot be earned in KINS 700 and KINS 700A.

- *This course is part of the MS in Athletic Training's Accelerated program.*

Introduction to the foundational knowledge of the athletic training profession, concepts in the prevention of athletic injuries, and exposure to fundamental skills, knowledge, and techniques in athletic training based upon evidence-based criteria.

Attributes: Undergraduate/Graduate Offering, MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

KINS 701 Applied Anatomy (2 crs)

Prerequisite: Limited to students admitted to the M.S. in Athletic Training program

This course builds on a previous knowledge of human anatomy at a macroscopic level. It further examines the role of anatomy related to human movement, connective tissue behavior, and muscle activity. Additionally, students will have advanced understanding of anatomy structure and function to form the basis for its role in diagnosis and rehabilitation of injuries and illnesses.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion: 1

Lab/Studio: 2

KINS 701A Applied Anatomy (2 crs)

Prerequisite: Limited to students accepted into the MSAT Accelerated Plan.

Credit cannot be earned in KINS 701 and KINS 701A.

- *This course is part of the MS in Athletic Training's Accelerated program.*

This course builds on a previous knowledge of human anatomy at a macroscopic level. It further examines the role of anatomy related to human movement, connective tissue behavior, and muscle activity. Additionally, students will have advanced understanding of anatomy structure and function to form the basis for its role in diagnosis and rehabilitation of injuries and illnesses.

Attributes: Undergraduate/Graduate Offering, MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion: 1

Lab/Studio: 2

KINS 710 Foundations of Clinical Practice (3 crs)

Prerequisite: Admission to MS in Athletic Training

This foundational course emphasizes the basic principles and underlying theory related to physical assessment, rehabilitation, and the use of modalities needed to identify impairments and develop interventions for the physically active population.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

KINS 710A Foundations of Clinical Practice (3 crs)

Prerequisite: Limited to students accepted into the MSAT Accelerated Plan.

Credit cannot be earned in KINS 710 and KINS 710A.

- *This course is part of the MS in Athletic Training's Accelerated program.*

This foundational course emphasizes the basic principles and underlying theory related to physical assessment, rehabilitation, and the use of modalities needed to identify impairments and develop interventions for the physically active population.

Attributes: Undergraduate/Graduate Offering, MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

KINS 714 Pathophysiology & Emergency Medicine (3 crs)

Prerequisite: Admission to Masters in Athletic Training program; Completed KINS 700, 701, and 710; Overall GPA in MAT of 3.0 and above

A theory and lab course focused on providing the epidemiology, pathophysiology, and best-practice management for acute and emergency injuries/illnesses in the physically active patient. Successful completion of the course will result in certification as a first responder.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

KINS 714A Pathophysiology & Emergency Medicine (3 crs)

Prerequisite: Limited to students accepted into the MSAT Accelerated Plan.

Completed KINS 700A, 701A, and 710A; Overall GPA in MAT of 3.0 and above.

Credit cannot be earned in KINS 714 and KINS 714A.

- *This course is part of the MS in Athletic Training's Accelerated program.*

A theory and lab course focused on providing the epidemiology, pathophysiology, and best-practice management for acute and emergency injuries/illnesses in the physically active patient. Successful completion of the course will result in certification as a first responder.

Attributes: Undergraduate/Graduate Offering, MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

KINS 720 Physical Assessment and Treatment of the Lower Extremity (5 crs)

Prerequisite: Admittance to MAT, Completed KINS 700, 701, and 710; Overall GPA in MAT of 3.0 and above.

This course focuses on application of the theory and principles associated with prevention, examination, diagnosis, and treatment to patients with musculoskeletal, neurological, and/or other pathological conditions associated with the lower extremity.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 4

KINS 720A Physical Assessment and Treatment of the Lower Extremity (5 crs)

Prerequisite: Limited to students accepted into the MSAT Accelerated Plan.

Completed KINS 700A, 701A, and 710A; Overall GPA in MAT of 3.0 and above.

Credit cannot be earned in KINS 720 and KINS 720A.

- *This course is part of the MS in Athletic Training's Accelerated program.*

This course focuses on application of the theory and principles associated with prevention, examination, diagnosis, and treatment to patients with musculoskeletal, neurological, and/or other pathological conditions associated with the lower extremity.

Attributes: Undergraduate/Graduate Offering, MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 4

KINS 721 Physical Assessment and Treatment of the Head and Spine (4 crs)

Prerequisite: Admittance to MAT, Completed KINS 720; Overall GPA in MAT of 3.0 and above

This course focuses on application of the theory and principles associated with prevention, examination, diagnosis, and treatment to patients with musculoskeletal, neurological, and/or other pathological conditions associated with the head and spine.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

KINS 721A Physical Assessment and Treatment of the Head and Spine (4 crs)

Prerequisite: Limited to students accepted into the MSAT Accelerated Plan. Completed KINS 720A; Overall GPA in MAT of 3.0 and above. Credit cannot be earned in KINS 721 and KINS 721A.

- *This course is part of the MS in Athletic Training's Accelerated program.*

This course focuses on application of the theory and principles associated with prevention, examination, diagnosis, and treatment to patients with musculoskeletal, neurological, and/or other pathological conditions associated with the head and spine.

Attributes: Undergraduate/Graduate Offering, MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

KINS 722 Physical Assessment and Treatment of the Upper Body (5 crs)

Prerequisite: Admittance to MAT, Completed KINS 721; Overall GPA in MAT of 3.0 and above.

This course focuses on application of the theory and principles associated with prevention, examination, diagnosis, and treatment to patients with musculoskeletal, neurological, and/or other pathological conditions associated with the upper body.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 4

KINS 722A Physical Assessment and Treatment of the Upper Body (5 crs)

Prerequisite: Limited to students accepted into the MSAT Accelerated Plan. Completed KINS 721A; Overall GPA in MAT of 3.0 and above. Credit cannot be earned in KINS 722 and KINS 722A.

- *This course is part of the MS in Athletic Training's Accelerated program.*

This course focuses on application of the theory and principles associated with prevention, examination, diagnosis, and treatment to patients with musculoskeletal, neurological, and/or other pathological conditions associated with the upper body.

Attributes: Undergraduate/Graduate Offering, MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 4

KINS 723 General Medicine & Diagnostic Modalities (4 crs)

Prerequisite: Admission to MAT, Completed KINS 722 and 781; Overall GPA in MAT of 3.0 and above.

A theory course that examines various medical specialties, surgical techniques, and clinical evaluations and diagnostics modalities used in assessing and treating medical conditions, illnesses and injuries related to the physically active populations.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 4

KINS 724 Manual Therapy Techniques (3 crs)

Prerequisite: Admission to MAT, Completed KINS 722 and 781; Overall GPA in MAT of 3.0 and above.

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.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1.5

Lab/Studio Hours: 3

KINS 730 Healthcare Management & Practice (3 crs)

Prerequisite: Admission to MAT, Completed KINS 789; Overall GPA in MAT of 3.0 and above.

This foundational course emphasizes the basic principles and underlying theory related to physical assessment, rehabilitation, and the use of modalities needed to identify impairments and develop interventions for the physically active population.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 731 Special Topics in Athletic Training (3 crs)

Prerequisite: Admission to MAT, Completion of KINS 792; Overall GPA in MAT of 3.0 and above.

This is a capstone educational experience focusing on current topics in the Athletic Training profession and career development issues. As part of this professional preparation, students will complete an oral presentation, defense, and manuscript submission of their KINS 791/792 research project.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 755 Performance Enhancement in the Physically Active (2 crs)

Prerequisite: Admittance to MAT, Overall GPA in MAT of 3.0 and above.

Foundational knowledge and content in performance enhancements of individuals in sports and physically active populations. Includes the applications of current methods and techniques used for the enhancement of individuals physical abilities in strength and conditioning principles.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

KINS 762 Psychosocial Aspects in Healthcare (1 cr)

Prerequisite: Admission to MAT; Completed KINS 700, 701, and 710; Overall GPA in MAT of 3.0 and above.

This course is designed to understand the psychosocial aspects as it relates to the occurrence of injury and illness during the rehabilitation/recovery process and to identify appropriate referral/supportive resources.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

KINS 762A Psychosocial Aspects in Healthcare (1 cr)

Prerequisite: Limited to students accepted into the MSAT Accelerated Plan. Completed KINS 700A, 701A, and 710A; Overall GPA in MAT of 3.0 and above. Credit cannot be earned in KINS 762 and KINS 762A.

• *This course is part of the MS in Athletic Training's Accelerated program.*

This course is designed to understand the psychosocial aspects as it relates to the occurrence of injury and illness during the rehabilitation/recovery process and to identify appropriate referral/supportive resources.

Attributes: Undergraduate/Graduate Offering, MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

KINS 763 Pharmacological Agents in Healthcare (1 cr)

Prerequisite: Admission to MAT, Completed KINS 714, 720, 721, 762 and 780; Overall GPA in MAT of 3.0 and above.

Introduces principles of drug therapy with an emphasis on the knowledge, skills and values required of the Athletic Trainer on pharmacological applications, including indications, contraindications, precautions, interactions, documentation and governing regulations relevant to the treatment of injury and illness in athletic training.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

KINS 763A Pharmacological Agents in Healthcare (1 cr)

Prerequisite: Limited to students accepted into the MSAT Accelerated Plan.

Completed KINS 714A, 720A, 721A, 762A and 780A; Overall GPA in MAT of 3.0 and above. Credit cannot be earned in KINS 763 and KINS 763A.

• *This course is part of the MS in Athletic Training's Accelerated program.*

Introduces principles of drug therapy with an emphasis on the knowledge, skills and values required of the Athletic Trainer on pharmacological applications, including indications, contraindications, precautions, interactions, documentation and governing regulations relevant to the treatment of injury and illness in athletic training.

Attributes: Undergraduate/Graduate Offering, MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

KINS 780 Clinical Practicum I (2 crs)

Prerequisite: Admission to MAT; Completed KINS 700, 701, and 710; Overall GPA in MAT of 3.0 and above.

A lab and practicum course designed to further develop and refine the proficiency skills of athletic training, as well as provide supervised clinical experience in athletic training.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 4

KINS 780A Clinical Practicum I (2 crs)

Prerequisite: Limited to students accepted into the MSAT Accelerated Plan.

Completed KINS 700A, 701A, and 710A; Overall GPA in MAT of 3.0 and above. Credit cannot be earned in KINS 780 and KINS 780A.

• *This course is part of the MS in Athletic Training's Accelerated program.*

A lab and practicum course designed to further develop and refine the proficiency skills of athletic training, as well as provide supervised clinical experience in athletic training.

Attributes: Undergraduate/Graduate Offering, MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 4

KINS 781 Clinical Practicum II (2 crs)

Prerequisite: Admission to MAT; Completed KINS 714, 720, 721, 762, 780; Overall GPA in MAT of 3.0 and above

A lab and practicum course designed to further develop and refine the proficiency skills of athletic training, as well as provide supervised clinical experience in athletic training. Clinical skills and knowledge from previous semester courses (e.g., Physical Assessment & Treatment of the Lower Extremity/Head & Spine, Psychosocial Aspects, Emergency Medicine) will be assessed for mastery.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 4

KINS 781A Clinical Practicum II (2 crs)

Prerequisite: Limited to students accepted into the MSAT Accelerated Plan. Completed KINS 714A, 720A, 721A, 762A and 780A; Overall GPA in MAT of 3.0 and above. Credit cannot be earned in KINS 781 and KINS 781A.

- *This course is part of the MS in Athletic Training's Accelerated program.*

A lab and practicum course designed to further develop and refine the proficiency skills of athletic training, as well as provide supervised clinical experience in athletic training. Clinical skills and knowledge from previous semester courses (e.g., Physical Assessment & Treatment of the Lower Extremity/Head & Spine, Psychosocial Aspects, Emergency Medicine) will be assessed for mastery.

Attributes: Undergraduate/Graduate Offering, MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 4

KINS 782 Clinical Practicum III (2 crs)

Prerequisite: Admission to MAT; Completed KINS 722, 763, 781; Overall GPA in MAT of 3.0 and above.

A lab and practicum course designed to further develop and refine the proficiency skills of athletic training, as well as provide supervised clinical experience in athletic training. Clinical skills and knowledge from the previous semester courses (e.g., Pharmacology, Nutrition, Physical Assessment & Treatment of the Upper Body) will be assessed for mastery.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 4

KINS 783 Clinical Practicum IV (2 crs)

Prerequisite: Admission to MAT; Completed KINS 723, 724, 782; Overall GPA in MAT of 3.0 and above.

A lab and practicum course designed to further develop and refine the proficiency skills of athletic training, as well as provide supervised clinical experience in athletic training. Clinical skills and knowledge from the previous semester courses (e.g., General and Manual Medicine, Special Populations Rehabilitation) will be assessed for mastery.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 4

KINS 788 Clinical Immersion Experience I (4 crs)

Prerequisite: Admission to MAT; Completed KINS 781; Overall GPA in MAT of 3.0 and above.

Practicum Contact Hours: 8 This course emphasizes full-time, immersive clinical placements designed to reflect the daily clinical and administrative practices of an athletic trainer. Students will complete this experience in a minimum of four-weeks and must work a minimum of 105 hours (35 hours / week minimum) of the clinical experience.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

KINS 789 Clinical Immersion Experience II (4 crs)

Prerequisite: Admission to MAT; Completed KINS 782, 788; Overall GPA in MAT of 3.0 and above.

This course is the second part of the clinical immersive experience and emphasizes full-time, immersive clinical placements designed to reflect the daily clinical and administrative practices of an athletic trainer. Students will complete this experience over a four-week period and must work a minimum of 105 hours (35 hours / week minimum) of the clinical experience.

Grading Basis: A-F Grades Only

Lab/Studio Hours: 0

Practicum Hours: 8

KINS 791 Evidence Based Practice & Research I (3 crs)

Prerequisite: Admission to MAT, Overall GPA in MAT of 3.0 and above.

This course introduces students to current evidence-based research methods and the importance of conducting and interpreting athletic training research. Students will develop a research question and the initial chapters of a research project, resulting in a research proposal for a study.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 791A Evidence Based Practice & Research I (3 crs)

Prerequisite: Limited to students accepted into the MSAT Accelerated Plan, Overall GPA in MAT of 3.0 and above. Credit cannot be earned in KINS 791 and KINS 791A.

• *This course is part of the MS in Athletic Training's Accelerated program.*

This course introduces students to current evidence-based research methods and the importance of conducting and interpreting athletic training research. Students will develop a research question and the initial chapters of a research project, resulting in a research proposal for a study.

Attributes: Undergraduate/Graduate Offering, MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

KINS 792 Evidence Based Practice & Research II (2 crs)

Prerequisite: Admission to MAT, Completion of KINS 791; Overall GPA in MAT of 3.0 and above.

This course is a continuation of Evidence-Based Practice and Research I. Students will complete their research projects and learn to apply findings to clinical practice and dissemination.

Attributes: MSAT Flat Rate Tuition, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

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 I (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)

Prerequisite: Only open to non-native speakers of English

• *Credit may not be earned 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 140 U.S. Multiculturalism for Non-Native Speakers (3 crs)

Prerequisite: Only open to non-native speakers of English

• *Credit may not be earned in both LANG 140 and ESL 310 or LANG 140 and IDIS 154 when offered as U.S. Multiculturalism for Non-Native Speakers.*

International students will learn about the U.S. through the eyes of multicultural Americans and their experiences in U.S. society.

Attributes: Cultural Diversity 3 cr., GE V University Wide, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity

Lab/Studio Hours: 0

Seminar Hours: 3

LANG 150 Professional Communication for Non-Native Speakers (3 crs)

Prerequisite: Only open to non-native speakers of English

• *Credit may not be earned in both LANG 150 and ESL 320 or LANG 150 and IDIS 151 when offered as Professional Communication for Non-Native Speakers.*

Concepts, terms, and communication skills for international students planning careers in professional fields, such as business, science, technology, engineering, or mathematics.

Attributes: GE IA Communication-Language Arts, LE-S1 Written and Oral Communication

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

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 170 Language and Intercultural Competence (3 crs)

Introduction to the complex relations between language and intercultural competence in diverse international settings, with the goal of enhancing linguistic and cultural understanding.

Attributes: LE-K3 Humanities, LE-R2 Global Perspectives
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LANG 180 Language Expressions and Culture through Chinese Songs (3 crs)

The purpose of the course is to introduce the complex connections between music, language expressions and underlying cultural values, in order to expand students' knowledge horizon and foster a culturally relevant and inclusive lens to appreciate and interpret other cultures.

Attributes: LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LANG 221 Intermediate Ojibwe I (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.*

Continuation of Intermediate Ojibwe I. Focuses on developing skills necessary to aid language revitalization efforts.

Lecture/Discussion Hours: 4
Lab/Studio Hours: 0

LANG 344 Aadizookaanag: Ancient Ojibwe Stories (3 crs)

Prerequisite: Minimum sophomore standing.
Students read ancient Ojibwe stories, study various ways those stories have been appropriated by outsiders, and learn ways to support Indigenous cultural revitalization.

Attributes: LE-DDIV Design for Diversity, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LANG 397 Student Academic Apprenticeship in Languages (1-3 crs)

Prerequisite: Minimum junior standing. Minimum resident GPA of 3.00.
Completion of course (or equivalent) in which assisting.
Consent: Department Consent Required
Practicum Hours: Variable Qualified students, selected and closely supervised by faculty members, facilitate teaching and learning in a course offered by (or cross-listed in) Languages.

Repeat: Course may be repeated for a maximum of 6 credits
Lab/Studio Hours: 0

Latin American and Latinx Studies (LAS)

LAS 150 Introduction to Latin American and Latinx Studies (3 crs)

An interdisciplinary course introducing students both to the culture and civilization of Latin America and to Latin American and Latinx Studies at the University of Wisconsin-Eau Claire.

Attributes: Foreign Culture, GE IIIG Social Science-Interdisciplinary Study, LE-I1 Integration, LE-R2 Global Perspectives
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

LAS 172 Latin American History: Colonial to the Present (3 crs)

• *Credit may not be earned in both HIST 172 and LAS 172.*

Survey covering the major political, social, and economic developments and issues in Latin America's historical formation, from the colonial era to the present.

Attributes: LE-K3 Humanities, 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, LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
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 IIID 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 IIIC Social Science-Geography, LE-I1 Integration, LE-R2 Global Perspectives, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LAS 324 Latinx Health and Migration to the U.S. (3 crs)

- *No credit if taken after LAS 491 when offered as Health and Migration.*

Students will learn about the environmental, economic, political, social, and cultural factors that influence Latin American health and migration to the U.S., health during migration and upon arrival, and multi-generational wellbeing in Hispanic communities in the U.S.

Attributes: LE-K3 Humanities, LE-R3 Civic and Environmental Issues

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, SPAN 351 or 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

LAS 354 Latin American Civilization: Regional Focus (3 crs)

Prerequisite: SPAN 302 or consent of instructor. No credit after LAS 352, SPAN 351, 352

- *Credit may not be earned in both SPAN 354 and 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-I1 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.

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 389 Domestic Immersion Experience (1-3 crs)

Consent: Instructor Consent Required

Lecture/Discussion Hours: Variable
Project-based, intensive domestic immersion experience focusing on the social, cultural, linguistic, and/or historical aspects of one or more Latinx communities in the U.S.

Attributes: Field Trip(s) Required

Repeat: Course may be repeated for a maximum of 6 credits

Lab/Studio Hours: 0

LAS 390 International Immersion Experience (1-3 crs)

Consent: Instructor Consent Required

Project-based, intensive immersion experience focusing on the social, cultural, linguistic, and/or 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

LAS 395 Directed Studies (1-4 crs)

Prerequisite: Limited to Latin American and Latinx 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 Latinx populations in the United States.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

LAS 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 for a maximum of 6 credits

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 and Latinx Studies (1-3 crs)

Prerequisite: Limited to Latin American and Latinx 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 and Latinx Studies Program Director.

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/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 478 Latin American Modernismo (3 crs)

Prerequisite: SPAN 363 or SPAN 367/LAS 367, or consent of instructor.

- *Credit may not be earned in both SPAN 478 and LAS 478. No credit if take after SPAN 475/675/LAS 475/675 when offered as El Modernismo.*

A study of the late 19th century Latin American modernismo movement and its context. The course may focus on a major author, genre, or theme.

Attributes: 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 and Latinx Studies majors or minors.

Consent: Instructor Consent Required

- *Permission required by supervising instructor and the LAS Program Director. Acceptance as specified under criteria for admission into the internship. Consult the LAS Program webpage, your advisor and/or the LAS Program Director for internship admission requirements and procedures. 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 related to Latin American and Latinx Studies, either domestically or abroad.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 9 credits

LAS 491 Special Topics (3 crs)

Prerequisite: Completion of University Writing Requirement.

- *See current Class Schedule for specific topic.*

In-depth study of a special topic in the area of literature, linguistics, or cultures of Latinx populations 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 Immersion (1-3 crs)

Prerequisite: Limited to Latin American and Latinx Studies majors or minors.

Consent: Instructor Consent Required

- *Permission required by supervising instructor and the LAS Program Director. Acceptance as specified under criteria for admission into the internship. Consult the LAS Program webpage, your advisor and/or the LAS Program Director for internship admission requirements and procedures. 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 and/or cultural proficiency while residing in a Latin American country or participating in an alternative intercultural experience for a minimum of six weeks. Can be used to fulfill the LAS immersion requirement if it meets the length of time required for each major or the minor.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated for a maximum of 9 credits

LAS 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 for a maximum of 6 credits

LAS 509 Latin America Through Independence (3 crs)

- *Cross-listed with LAS/HIST 309/509. 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/HIST 311/511. 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/GEOG 321/521. 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 FLTR/LAS 350/550. 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 LAS 354, SPAN 351, 354.

- Cross-listed with LAS/SPAN 352/552. 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/SPAN 367/567. Credit may only be earned in one of these courses.

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)

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 Latinx populations 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/SPAN 367 or consent of instructor.

- Cross-listed with LAS/SPAN 475/675.

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 363/563 or LAS/SPAN 367/567, or consent of instructor.

- Cross-listed with LAS/SPAN 476/676. 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 363/563 or LAS/SPAN 367/567, or consent of instructor.

- Cross-listed with LAS/SPAN 477/677. Credit may only be earned in one of these courses.

Continuation of LAS/SPAN 676. Covers period from 1950 to the present.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

LAS 678 Latin American Modernismo (3 crs)

Prerequisite: SPAN 363, or SPAN/LAS 367, or consent of instructor.

- Cross-listed with LAS/SPAN 478/678. Credit may only be earned in one of these courses. No credit if taken after LAS/SPAN 475/675 when offered as *El Modernismo*.

A study of the late 19th century Latin American modernismo movement and its context. The course may focus on a major author, genre, or theme.

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 SPAN/LAS 480/680. 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 the LAS Program Director. Acceptance as specified under criteria for admission into the internship. Consult the LAS Program webpage, your advisor and/or the LAS Program Director for internship admission requirements and procedures. Transportation to internship site and housing arranged by the student.

Students engage in productive academic or professional activity related to Latin American and Latinx Studies, either domestically or abroad.

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: A-F Grades Only

LAS 691 Special Topics (3 crs)

• 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 Latinx populations 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 Immersion (1-3 crs)

Consent: Instructor Consent Required

• Cross-listed with LAS 498. Permission required by supervising instructor and the LAS Program Director. Acceptance as specified under criteria for admission into the internship. Consult the LAS Program webpage, your advisor and/or the LAS Program Director for internship admission requirements and procedures. Transportation to internship site and housing arranged by the student.

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. Can be used to fulfill the LAS immersion requirement if it meets the length of time required for each major or the minor.

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: A-F Grades Only

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

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-I1 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-I1 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. Department consent required.

Consent: Department Consent Required

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: LE-S3 Creativity, 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 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 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 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 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

Management (MGMT)

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 300 Personal Leadership Management (3 crs)

Prerequisite: Minimum junior standing; MGMT 340 or concurrent enrollment

This contemporary leadership course utilizes theory, history, and trends to analyze the art of effective leadership. Students will participate in a number of activities designed to better understand and develop their own leadership capabilities.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 340 Organizational Behavior (3 crs)

Prerequisite: ECON 103 and ECON 104, ACCT 201 OR ACCT 202, IS 240, SPDP Workshops, 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 OR ACCT 202, IS 240, BSAD 202 or MATH 246, MATH 109, SPDP Workshops, 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.

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. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.*

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: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 344 Managerial Decision Modeling and Analysis (3 crs)

Prerequisite: ACCT 201 OR ACCT 202; ECON 103, 104; IS 240; MATH 246 or BSAD 202; MGMT 341.

- *This class requires access to a laptop computer that can be brought to class when required. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.*

Tools and methods in support of business decision making. Spreadsheet modeling, graphical analysis, time series forecasting, decision making under uncertainty, optimization models, and simulation modeling.

Attributes: Special Course Fee Required

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.

- *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

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 OR ACCT 202. 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 or ACCT 202; 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.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 363 International Logistics and Supply Chain Management (3 crs)

Prerequisite: MGMT 341 and minimum Junior Standing

This course provides an introductory investigation of international logistics and global supply chain management with special emphasis on manufacturing, procurement, transportation and distribution. The course will include a review of the economic/legal environment surrounding import-export trade practices as well as necessary documentation, insurance and payment issues.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 371 Introduction to Entrepreneurship (3 crs)

Prerequisite: Minimum 48 credits completed. Limited to students who have declared an Entrepreneurship major, minor, or certificate.

Students explore entrepreneurship by learning and utilizing a business model framework to guide their exploration and discovery process, toward the creation of a successful startup.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 373 New Venture Feasibility (3 crs)

Prerequisite: MGMT 371 or concurrent enrollment

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: MGMT 340 or MGMT 341 or MGMT 349. Minimum junior standing.

Consent: Department Consent Required

- Acceptance in Internship Program. See description under College of Business. A maximum of three credits of BSAD 398, MGMT 398, 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-I1 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

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 442 Production Planning and Control (3 crs)

Prerequisite: MGMT 341 with C- or better. Minimum junior standing.

The design and use of procedures for managing production systems; includes process planning and routing, scheduling, dispatching, and progress control.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 443 Process Simulation and Analysis (3 crs)

Prerequisite: 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. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.

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.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 445 Compensation Theory and Administration (3 crs)

Prerequisite: BSAD 202 or MATH 246; BSAD 305, MGMT 340, 349

Study of theories, methods, and practices of compensation in organizations.

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 341, MKTG 330. MGMT 340 with C- or better. 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.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 447 Cross Cultural Leadership (3 crs)

Prerequisite: ACCT 201 or ACCT 202, BSAD 300, ECON 103, 104, IS 240, MGMT 340, MKTG 330; minimum junior standing

This course provides an in-depth introduction to effective global leadership practices and styles in the major cultural regions of the world as well as the underlying psychological, social, and cultural factors.

Attributes: Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 449 Strategic Management in a Global Business Environment (3 crs)

Prerequisite: ACCT 201 or ACCT 202, IS 240, BCOM 206, BCOM 207, BSAD 300, BSAD 305, FIN 320, MKTG 330, MGMT 340, MGMT 341. Minimum senior standing.

- *On-campus sections of GLOBUS will have a course fee in order to purchase access to the GLOBUS online strategic management simulation. Due to timing of purchasing to receive codes, this course fee will not be able to be reimbursed on or after the first day of classes.*

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.

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.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 459 Advanced Human Resource Management (2 crs)

Prerequisite: MGMT 349 with C- or better. 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.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MGMT 461 Lean Manufacturing Systems and Concepts (3 crs)

Prerequisite: BCOM 206, 207, BSAD 305, FIN 320, MGMT 340, MKTG 330. MGMT 341 with C- or better

Concepts, tools, and techniques applied in the design and operation of lean manufacturing systems.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 471 Entrepreneurship Capstone (3 crs)

Prerequisite: MGMT 371 with C- or above; MGMT 373. MGMT 374 or concurrent enrollment.

- *This course requires access to a laptop computer which can be brought to class when required. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.*

Students will learn and demonstrate how to skillfully prepare, refine, and communicate their business idea in an entrepreneurial environment. They will learn about financing options considered by startup founders. They will deliver their business plan in a formal, end-of- semester presentation to a panel of business professionals.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MGMT 491 Topics in Management (1-3 crs)

Prerequisite: MGMT 340. Minimum junior standing.

- *Course may be repeated when topic differs.*

Current issues in international business will be the focus of attention. Topic selection will be made by the instructor. Issues will be those facing contemporary management professionals.

Repeat: Course may be repeated for a maximum of 99 credits

Grading Basis: A-F Grades Only

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.

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.

Repeat: Course may be repeated

MGMT 494 Topics in Leadership (1-3 crs)

Prerequisite: Minimum junior standing.

- *Course may be repeated when topic differs. 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 99 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: MGMT 340 or MGMT 341 or MGMT 349. 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

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 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 or ACCT 202, IS 240, SPDP Workshops, 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 Consumer 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 Integrated Marketing Communications (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
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MKTG 333 Digital Marketing Fundamentals (3 crs)

Prerequisite: ACCT 201 or ACCT 202, ECON 103, 104, IS 240, MKTG 330; minimum junior standing. This course examines the intersection of marketing and technology. Specifically, the course deals with digital marketing issues such as: technological foundations, business implications, retailing, sales, and promotional implications, associated social, legal, ethical implications.

Grading Basis: A-F Grades Only
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
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

MKTG 335 International Marketing (3 crs)

Prerequisite: MKTG 330. Minimum junior standing. Principles, policies, and problems of marketing goods in international markets. Concepts, strategies, and policies of world trade and multinational firms.

Attributes: Foreign Culture
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 & Sales Analytics (3 crs)

Prerequisite: IS 240; MATH 246 or BSAD 202; MKTG 330 or concurrent enrollment.

• This class requires access to a laptop computer which can be brought to class when required. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.

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 339 Social Media Marketing (3 crs)

Prerequisite: MKTG 330

Social media is impacting business around the world in almost every industry. It plays an important role in how consumers discover, research, and share information about brands and products. Social Media is an integral component in almost all marketing strategies, and there is a need for marketing professionals and organizations to have end-to-end social media expertise. Through case studies, class exercises, and hands-on projects, students will learn best practices and develop the skills to connect business objectives with social media strategy, platforms and tactics. Topics will include choosing appropriate platforms, creating effective and engaging social media content, content management, social listening and creating a social media strategy. This may require students to set up individual social media accounts.

Grading Basis: A-F Grades Only

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 Services Marketing (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.

Attributes: Special Course Fee Required

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: Special Course Fee Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 434 Advanced Marketing Analytics (3 crs)

Prerequisite: MKTG 338.

- *This course requires access to a laptop computer which can be brought to class when required. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.*

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 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.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MKTG 438 Strategic Marketing (3 crs)

Prerequisite: MKTG 330 and completion of at least two Marketing courses beyond MKTG 330. Minimum senior standing.

- *This course requires access to a laptop computer which can be brought to class when required. Please see the COB laptop requirement: <https://www.uwec.edu/academics/college-business/laptop-requirement/>.*

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

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 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

Master of Business Administration (MBA)

MBA 700 Defining your Plan for Success: The MBA Mindset (1 cr)

Prerequisite: Limited to MBA students

This course provides an overview of resources that will help students navigate their degree requirements. Students will also create personal and professional goals to pursue during their program and beyond. Students will also explore topics from both academic and business perspectives that will help them grow into successful business leaders.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio: 0

MBA 701 Leading a Dynamic and Diverse Workforce (4 crs)

Prerequisite: Limited to MBA students

In this course, students will explore challenges and opportunities that commonly arise in the workplace through the lenses of leadership, teamwork, and communication. Students will develop skills to help manage a diverse workforce in a dynamic business environment. Students will develop skills in audience analysis, group dynamics, and conflict and negotiation, and focus on the values inherent in equity, diversity, and inclusiveness. The broad skills and specific knowledge gained in the course will be transferable across functional areas, industries, and positions.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

Lab/Studio: 0

MBA 702 Making Informed Managerial Decisions (4 crs)

Prerequisite: Limited to MBA students

This course prepares students to make informed and ethical managerial-level decisions in their organizations to align with the firm's overall strategy. Students will learn to use appropriate decision frameworks and tools and will acquire skills to recognize and navigate challenging decision environments. Concepts will be covered during the first portion of the course, followed by applications that progress from being more-structured to less-structured. Applied experiences in the course will explore informed decision making using financial and non-financial information.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MBA 703 Developing New Products and Services (4 crs)

Prerequisite: Limited to MBA students

In today's competitive marketplace, innovation is critical to the long-term survival of a business. Firms use new product and service development decision frameworks, structures, and processes to discover new markets, understand the potential for product innovations, and manage the risk in pursuing these opportunities. This course examines the cycle firms follow when pursuing product and service innovation, from idea generation to commercialization. Students will learn how firms develop and introduce new product and service offerings to the market. They will also evaluate the market potential by using consumer insights gained from market research data. Students will learn about mapping customer perceptions, product positioning and product pricing. The course concludes with students making recommendations on whether to proceed with a new product or service development and introduction.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MBA 704 Competing Strategically in a Global Environment (4 crs)

Prerequisite: Limited to MBA students

This course focuses on how managers must lead their companies strategically in developing and sustaining ongoing efforts to compete globally. Students will learn a series of interrelated steps in which managers conduct analyses at the industry, business, and corporate levels, decide on strategies to enhance firm competitiveness, and evaluate and modify those strategies as needed.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MBA 705 Navigating Change amid Uncertainty (4 crs)

Prerequisite: Limited to MBA students

This course prepares students to lead organizations into the future. By considering current technology trends, students will explore the future impacts on individuals, organizations, and society. By linking this future to the current strategic planning process, leaders will learn and apply an organizational change management framework to implement, communicate and sustain the change. Additionally, business process reengineering, project management and portfolio management tools will be introduced as critical components of implementing the change.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MBA 708 Essentials of Financial Analysis (2 crs)

Prerequisite: Limited to MBA students

In this course, students will gain familiarity with interpreting corporate financial statements, specifically how the information within the statements informs the corporate decision-making process. Students will be equipped with the knowledge and tools necessary to analyze the past performance of a corporation and the application of this analysis to the formulation of strategic decisions designed to influence future performance. Principles covered in this course include financial statement analysis, ratio analysis, comparative analysis, time series analysis, forecasting through proforma financial statements, and time value of money. Students will apply these concepts in business applications in subsequent graduate business coursework.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MBA 709 Essentials of Economic and Statistical Analysis (2 crs)

Prerequisite: Limited to MBA students

In this course, students will gain familiarity with essential concepts of economics and statistics and be ready to apply these concepts in business applications in subsequent graduate business coursework. Economics principles include supply and demand, exchange rates, elasticity, features of perfectly competitive markets, and features of oligopoly where businesses have market power and their decisions are interdependent. Statistical tools include common measures of central tendency, computing and interpreting confidence intervals and hypothesis tests, and visualizing and interpreting correlation and regression results.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MBA 710 Refining your Plan for Success: Program Capstone (1 cr)

Prerequisite: Limited to MBA students

In this course, students complete a project in this course to demonstrate mastery of program learning goals, including reflection of work completed throughout the program. Students will also refine the personal and professional goals they set at the start of the program. As students prepare for graduation, they will also explore strategies for advancing their careers by creating a personal brand, establishing a professional network, and enhancing their resumes.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

MBA 720 Electives (0.5-3 crs)

Prerequisite: Limited to MBA students.

Electives are short courses that are designed to develop general skills and/or address specific current issues. They allow students brief exploration into topics that are relevant to their particular needs and interests.

Attributes: Higher Cost Per Credit

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

MBA 721 Electives (0.5-3 crs)

Prerequisite: Limited to MBA students.

Electives are short courses that are designed to develop general skills and/or address specific current issues. They allow students brief exploration into topics that are relevant to their particular needs and interests.

Attributes: Higher Cost Per Credit

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

MBA 722 Electives (0.5-3 crs)

Prerequisite: Limited to MBA students.

Electives are short courses that are designed to develop general skills and/or address specific current issues. They allow students brief exploration into topics that are relevant to their particular needs and interests.

Attributes: Higher Cost Per Credit

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

MBA 723 Electives (0.5-3 crs)

Prerequisite: Limited to MBA students.

Electives are short courses that are designed to develop general skills and/or address specific current issues. They allow students brief exploration into topics that are relevant to their particular needs and interests.

Attributes: Higher Cost Per Credit

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

MBA 724 Electives (0.5-3 crs)

Prerequisite: Limited to MBA students.

Electives are short courses that are designed to develop general skills and/or address specific current issues. They allow students brief exploration into topics that are relevant to their particular needs and interests.

Attributes: Higher Cost Per Credit

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

MBA 725 Electives (0.5-3 crs)

Prerequisite: Limited to MBA students.

Electives are short courses that are designed to develop general skills and/or address specific current issues. They allow students brief exploration into topics that are relevant to their particular needs and interests.

Attributes: Higher Cost Per Credit

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

MBA 726 Electives (0.5-3 crs)

Prerequisite: Limited to MBA students.

Electives are short courses that are designed to develop general skills and/or address specific current issues. They allow students brief exploration into topics that are relevant to their particular needs and interests.

Attributes: Higher Cost Per Credit

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

MBA 727 Electives (0.5-3 crs)

Prerequisite: Limited to MBA students.

Electives are short courses that are designed to develop general skills and/or address specific current issues. They allow students brief exploration into topics that are relevant to their particular needs and interests.

Attributes: Higher Cost Per Credit

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

MBA 728 Electives (0.5-3 crs)

Prerequisite: Limited to MBA students.

Electives are short courses that are designed to develop general skills and/or address specific current issues. They allow students brief exploration into topics that are relevant to their particular needs and interests.

Attributes: Higher Cost Per Credit

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

MBA 729 Electives (0.5-3 crs)

Prerequisite: Limited to MBA students.

Electives are short courses that are designed to develop general skills and/or address specific current issues. They allow students brief exploration into topics that are relevant to their particular needs and interests.

Attributes: Higher Cost Per Credit

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

MBA 733 Understanding a Diverse Workforce (1 cr)

Prerequisite: Limited to MBA students.

Prepares students to manage a diverse workforce.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

MBA 740 Introduction to Assurance Services (1 cr)

Prerequisite: Limited to MBA students.

This course helps students identify situations in which assurance services are necessary, evaluate different types of assurance services and assess the quality of assurance services companies and investment funds provide.

Attributes: Higher Cost Per Credit

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

MBA 742 Introduction to Financial Fraud (1.5 crs)

Prerequisite: Limited to MBA students.

This course provides an introduction to fraud. Fraudulent financial reporting and misappropriation of assets are major problems for businesses of all sizes. Knowledge about how fraud is committed and how to spot the potential for fraud are valuable for managers at all levels.

Attributes: Higher Cost Per Credit

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1.5

Lab/Studio Hours: 0

MBA 744 Tax Impact of Business Decisions (1.5 crs)

Prerequisite: Limited to MBA students.

This course introduces the student to an overall framework for evaluating the impact that taxes have on business decisions. While the course concentrates on the impact of federal income taxes, the concepts are general and can apply to a variety of taxing jurisdictions.

Attributes: Higher Cost Per Credit

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1.5

Lab/Studio Hours: 0

MBA 746 Mutual Fund Investing (1 cr)

Prerequisite: Limited to MBA students.

Students will learn criteria for selecting mutual funds, how to develop investment portfolios composed of multiple mutual funds consistent with demographic characteristics of the investor, and how to assess mutual fund and portfolio performance.

Attributes: Higher Cost Per Credit

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MBA 747 Financial Statement Analysis (2 crs)

Prerequisite: Limited to MBA students.

Analysis and interpretation of financial statements. Skills taught include: how to interpret financial statements, analyze cash flows, evaluate earnings quality, uncover hidden assets and liabilities, and forecasting financial statements.

Attributes: Higher Cost Per Credit

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MBA 748 Investment Analysis and Management (2 crs)

Prerequisite: Limited to MBA students.

This course will develop a thorough understanding of the portfolio construction thought process. Students will discover how to manage a portfolio by examining the logic and potential of using options and futures to enhance return and minimize risk.

Attributes: Higher Cost Per Credit

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MBA 749 Incorporation of Exchange Rates in Strategic Decision-Making (1.5 crs)

Prerequisite: Limited to MBA students.

Students will acquire competency with the terminology, strategies, and practices needed to interact with confidence in business settings that require working within the global currency market.

Attributes: Higher Cost Per Credit

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1.5

Lab/Studio Hours: 0

MBA 750 Regional Trade Agreements and Multinational Corporations (1.5 crs)

Prerequisite: Limited to MBA students.

This course introduces students to issues relating to regional trade agreements (trading blocs), giving special attention to such agreements in the Americas, Asia and Europe. It will also examine how regional trade agreements might affect Multinational Corporations (MNCs).

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1.5
Lab/Studio Hours: 0

MBA 752 Business in East Asia (1.5 crs)

Prerequisite: Limited to MBA students.

This course provides perspective on business in Japan, South Korea, and China by looking at the historical backgrounds of each market and examining how those backgrounds impact present economic and business relations. Students focus on understanding each country's business practices and learn strategies to build successful East Asian partnerships and to succeed in business in East Asia.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1.5
Lab/Studio Hours: 0

MBA 753 Corporate Venturing (1.5 crs)

Prerequisite: Limited to MBA students.

This course teaches students to encourage entrepreneurship, identify opportunities, locate potential new business within the firm, select the right managers, and set up planning processes.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1.5
Lab/Studio Hours: 0

MBA 754 Fundamental Methods for Forecasting (1 cr)

Prerequisite: Limited to MBA students.

The ability to forecast data is important in business. This course teaches effective short term forecasting; it is heavily weighted toward applied work not mathematical theory. Students will have a portfolio of forecasts at the end of the course.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

MBA 755 Consumer Behavior (1.5 crs)

Prerequisite: Limited to MBA students

This class will help you understand why consumers behave as they do. Using consumer behavior theories and our own purchase practices, we will attempt to predict how consumers will respond to a variety of marketing activities.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1.5
Lab/Studio Hours: 0

MBA 757 Managing Workplace Stress (1 cr)

Prerequisite: Limited to MBA students.

Workplace stress costs millions of dollars annually in lost productivity and turnover. We will examine theories, causes, and consequences of stress and take a hands-on approach to address workplace stress.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

MBA 758 Strategies and Tactics of Pricing (2 crs)

Prerequisite: Limited to MBA students.

This course presents a framework for evaluating pricing decisions. Pricing is examined from the perspective of customers, competitors and costs; in a variety of contexts, including business-to-business markets, consumer goods markets, services, and not-for-profit companies.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MBA 759 Selling Ideas at Work (1.5 crs)

Prerequisite: Limited to MBA students.

This course provides students with an understanding of how business people make decisions. It teaches students to utilize developed skills to sell ideas at work to both individuals and to groups.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1.5
Lab/Studio Hours: 0

MBA 760 Employee Training and Development (2 crs)

Prerequisite: Limited to MBA students.

This course focuses on human resource development's role in maintaining an organization's competitive position; identifying training needs, transferring training to the workplace, and assessing training.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MBA 761 Project Management (1.5 crs)

Prerequisite: Limited to MBA students.

This course examines project identification, selection, and planning. It will be organized along two major phases of the project management process: project selection and definition and project planning.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1.5
Lab/Studio Hours: 0

MBA 762 Organizational Leadership and Change (1.5 crs)

Prerequisite: Limited to MBA students.

This course examines how change can be accomplished within organizations--who is responsible for change and how people can be helped to change.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1.5
Lab/Studio Hours: 0

MBA 763 Business and Ethics (1.5 crs)

Prerequisite: Limited to MBA students.

Does a company have any obligation to help solve social problems? What about a manufacturer's obligation to the consumer with respect to product defects and safety? This course examines economic activity in an ethical framework.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1.5
Lab/Studio Hours: 0

MBA 764 Work-Family Issues in Contemporary Times (1 cr)

Prerequisite: Limited to MBA students.

This course will critically examine and analyze issues of work and family life from both employee and employer perspectives.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1
Lab/Studio Hours: 0

MBA 765 Advanced Topics in Project Management (1.5 crs)

Prerequisite: MBA 761. Limited to MBA students.

The advanced topics course is oriented toward the more experienced project manager and/or those who supervise project managers. The focus of the course will be to address some current "hot topics" in the field.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1.5
Lab/Studio Hours: 0

MBA 766 Contract Law for Managers (2 crs)

Prerequisite: Limited to MBA students.

This course is not a strictly "legalistic" type of class; it emphasizes using and understanding the law in making ethical management decisions. Students will learn to use legal reasoning skills. They will understand and be able to apply the legal principles of contract law and sales law. The course will also look at law in the unique setting of e-commerce.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 2
Lab/Studio Hours: 0

MBA 767 Project Execution and Control (1.5 crs)

Prerequisite: MBA 761. Limited to MBA students.

The primary focus of this course is identifying and managing challenges commonly seen in doing the work in projects after the project baseline has been approved.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1.5
Lab/Studio Hours: 0

MBA 769 Project Portfolio Management (1.5 crs)

Prerequisite: MBA 761. Limited to MBA students.

This course is designed to clarify ways to manage the project portfolio which involves tracking and managing all of an organization's projects, keep an eye on costs and resources, comply with deadlines and ensure the projects are in line with the company's overall mission.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1.5
Lab/Studio Hours: 0

MBA 770 E-Business Fundamentals for Managers (1.5 crs)

Prerequisite: Limited to MBA students.

This course provides an overview of the fast-growing Internet-based economy and asks, from a management point of view, "How may e-business contribute to the operational, tactical and strategic goals of an organization?"

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1.5
Lab/Studio Hours: 0

MBA 771 Introduction to Enterprise Resource Planning Systems (1.5 crs)

Prerequisite: Limited to MBA students.

This course describes the principal functions of ERP software and emphasizes the business impacts of such.

Attributes: Higher Cost Per Credit
Grading Basis: No S/U Grade Option
Lecture/Discussion Hours: 1.5
Lab/Studio Hours: 0

MBA 773 Communicating for Success: Writing for Results (1 cr)

Prerequisite: Limited to MBA students.

Students take their writing skills to the next level by applying practical strategies (based on organizational communication theories) to their writing. Focus is on their own specific work-related audiences.

Attributes: Higher Cost Per Credit

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

MBA 774 Sustainability & Organizational Management (1.5 crs)

Prerequisite: Limited to MBA students.

This course introduces students to the interrelationship between business and the natural environment, examining the impact of the environment on business and the consequences of business decisions on the environment.

Attributes: Higher Cost Per Credit

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1.5

Lab/Studio Hours: 0

MBA 775 Information System Security (2 crs)

Prerequisite: Limited to MBA students.

Today's manager must understand security and risk management. Students will discuss system vulnerabilities, mitigation strategies, and security-related personnel issues. They will be able to develop and implement security procedures and processes.

Attributes: Higher Cost Per Credit

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MBA 777 Communicating for Success: Speak, Engage, Lead (1 cr)

Prerequisite: Limited to MBA students.

The purpose of this course is to enhance students' workplace communication skills. Students and their organizations will benefit as students apply practical strategies to oral and interpersonal communication contexts for nearly any audience.

Attributes: Higher Cost Per Credit

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

MBA 778 Managing Technology in Turbulent Times (2 crs)

Prerequisite: Limited to MBA students.

The intent of this course is to show the synergy that exists between the introduction of technologies into an organization and the shift in management strategy and decision making that is essential to receive full value from the technology investment.

Attributes: Higher Cost Per Credit

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MBA 779 E-Business Website Development (1.5 crs)

Prerequisite: Limited to MBA students.

This course provides students with skills to develop a simple and effective e-business website. It examines design factors and the development process and focuses on facilitation of intra-organizational and inter-organizational communication and extra-organizational relationships.

Attributes: Higher Cost Per Credit

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1.5

Lab/Studio Hours: 0

MBA 780 Health Care Human Resources and Organization (2 crs)

Prerequisite: Limited to MBA students.

How can we maximize human resources to improve the quality of health care? A unique feature of this course is its emphasis on complex adaptive systems (CAS), critical for success in health care settings.

Attributes: Higher Cost Per Credit

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MBA 781 Fundamentals of Health Information Technology Management (2 crs)

Prerequisite: Limited to MBA students.

This course provides an introduction to the dynamic world of management of information technology in health care. A description of information processing, the content and evaluation of healthcare information systems and the current and future methodologies being employed to acquire and manage information are discussed.

Attributes: Higher Cost Per Credit

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MBA 782 Health Care Finance & Economics (2 crs)

Prerequisite: Limited to MBA students.

This course will help students understand how factors such as government intervention in health care, the organization of health insurance markets, and health care reform influence financial decision making in the health care area.

Attributes: Higher Cost Per Credit

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MBA 784 Supply Chain Management (2 crs)

Prerequisite: Limited to MBA students.

This course covers terminologies, concepts, and tools involved in managing supply chain operations, emphasizing qualitative and quantitative tools used in managerial decision-making. Topics include Supply Chain Strategy, Supplier Management, Inventory Management, Distribution, and Logistics.

Attributes: Higher Cost Per Credit

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MBA 785 Organizational Reward Systems (1.5 crs)

Prerequisite: Limited to MBA students

This course covers topics related to intrinsic and extrinsic rewards used to achieve organizations' strategic goals. Topics include: motivational theories, compensation surveys, job evaluation, merit pay, variable or at risk pay, and team compensation.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1.5

Lab/Studio Hours: 0

MBA 787 Quantitative Business Analysis (1.5 crs)

Prerequisite: Limited to MBA students

This course focuses on applied quantitative business analysis and uses Microsoft Excel. The course covers problem solving concepts and techniques, plus effective presentation of analysis results.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1.5

Lab/Studio Hours: 0

MBA 789 Health Care Organization and Delivery (2 crs)

Prerequisite: Limited to MBA students.

This course provides an understanding of our complex health system, from basic organization and management to an exploration of the relationships between cost, quality, and access in the context of system improvement and healthcare reform.

Attributes: Higher Cost Per Credit

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MBA 791 Introduction to the Management & Marketing of Non-Profits (1 cr)

Prerequisite: Limited to MBA students.

This course will provide a substantive introduction to the key principles and practical challenges in the law, management and marketing of nonprofit organizations (NPOs) and non-governmental organizations (NGOs).

Attributes: Higher Cost Per Credit

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

MBA 794 Business Process Simulation (2 crs)

Prerequisite: Limited to MBA students.

This course will establish basic proficiency in simulation model development, verification, validation, and analysis.

Attributes: Higher Cost Per Credit

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MBA 795 Research Paper (1-3 crs)

Prerequisite: Limited to MBA students.

Consent: Department Consent Required

Development of a thesis-type paper on a topic of interest to student.

Attributes: Higher Cost Per Credit

Repeat: Course may be repeated

Grading Basis: PR Only Grade Basis

MBA 796 Directed Project (1-3 crs)

Prerequisite: Limited to MBA students.

Consent: Department Consent Required

Permits a student to pursue a defined problem in an intensive way under the direction of a graduate faculty member.

Attributes: Higher Cost Per Credit

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

MBA 797 Independent Study (1-3 crs)

Prerequisite: Limited to MBA students.

Consent: Department Consent Required

An in-depth study of a topic of interest to the student and faculty member.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

MBA 799 Thesis (1-3 crs)

Prerequisite: MBA 711. Limited to MBA students.

Consent: Department Consent Required

- Full-time equivalent. Completion of minimum of 15 graduate credits including MBA 711. Consent of MBA program director.

Development and completion of research project using formal investigative methodology.

Attributes: Higher Cost Per Credit

Repeat: Course may be repeated for a maximum of 3 credits

Grading Basis: PR Only Grade Basis

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.

Attributes: LE-S3 Creativity

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

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 286 Engineering Sophomore Seminar (1 cr)

Career preparation for materials science, materials science and engineering, and biomedical engineering majors. Will include seminars with external speakers and class discussions of relevant issues.

MSE 307 Engineering Statistics (4 crs)

Prerequisite: MATH 114.

• Enrollment before or concurrent with MSE 368 recommended.

Principles of engineering experimentation and data collection, elementary probability distributions, use of confidence intervals and significance tests in engineering design and decision-making, use of statistical software, design of experiments, statistical process control

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

MSE 315 Materials Characterization (4 crs)

Prerequisite: CHEM 103 or CHEM 115 and PHYS 211 or PHYS 231 or concurrent enrollment.

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.

Attributes: LE-S3 Creativity

Lecture/Discussion Hours: 2

Lab/Studio Hours: 4

MSE 334 Soft Materials (4 crs)

Prerequisite: CHEM 325 and MSE 221

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 or GEOL 312; CHEM 104 or CHEM 109 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. Mathematical skills relevant to engineering applications are discussed in the lab section.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

MSE 357 Phase Transformation & Kinetics (3 crs)

Prerequisite: MSE 221; MATH 215; CHEM 104 or CHEM 109 or CHEM 115

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 362 Microelectronic Materials Processing (2 crs)

Prerequisite: MSE 350; MSE 357 or concurrent enrollment. No credit if taken after MSCI 362

• Formerly MSCI 362.

The fabrication of microelectronic devices is discussed, and the thermodynamics and kinetics that impact process design. Methods and practices are reviewed.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MSE 363 Microelectronic Materials Processing Lab (2 crs)

Prerequisite: MSE 350 or CHEM 433 or PHYS 332. No credit if taken after MSCI 363

• Formerly MSCI 363.

The fabrication of microelectronic devices is explored. Methods and practices for photolithography, etching, and deposition are studied in a lab setting.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 4

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 Electrical, Optical and Magnetic Properties of Materials (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

MSE 386 Engineering Junior Seminar (1 cr)

Prerequisite: MSE 286 and limited to Pre-Materials Science and Engineering or Materials Science and Engineering majors or declared Biomedical Engineering majors

• Must be admitted to MSE by first day of class or declared BME major.

Career preparation for materials science and engineering and biomedical engineering majors, including ethics and other discussions relevant to the major. Will include seminars with external speakers and class discussions of topical issues.

Lab/Studio Hours: 0

Seminar Hours: 1

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 (3 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: 3

MSE 475 Nanomaterials (3 crs)

Prerequisite: CHEM 104 or 109 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 or concurrent enrollment; MSE 307 or instructor consent; MSE 350; MSE 386 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 486

Second of a two-course capstone sequence. Conclusion of student-designed projects accompanied by preparation of multiple technical documents.

Attributes: LE-I1 Integration

Lab/Studio Hours: 0

Seminar Hours: 4

MSE 493 Collaborative Internship (1-3 crs)

Prerequisite: 2.50 total GPA; minimum junior standing

Consent: Instructor Consent Required

This course provides students an opportunity to participate in collaborative projects that are performed on campus under the supervision of a faculty member.

Attributes: Internship

Grading Basis: A-F Grades Only

MSE 494 Off-campus Materials Science Internship (1-3 crs)

Prerequisite: 2.50 total GPA; minimum junior standing

Consent: Instructor Consent Required

Off-campus internship with a regional company or other partner, including professional development training and reflection.

Attributes: Internship

Grading Basis: A-F Grades Only

Materials Science (MSCI)

MSCI 291 Special Topics in Materials Science (1-3 crs)

Prerequisite: CHEM 104 or CHEM 109 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 384 Materials Science Junior Seminar (1 cr)

Prerequisite: MSE 286

Career preparation for Materials Science majors, including ethics and other discussions relevant to the major. Will include seminars with external speakers and class discussions of relevant issues.

Lab/Studio Hours: 0

Seminar Hours: 1

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 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 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.

Attributes: LE-I1 Integration

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

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: 1

Lab/Studio Hours: 3

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: 1

Lab/Studio Hours: 3

MATH 50 Supplemental Math Preparation (1 cr)

Prerequisite: Suitable mathematics placement test score and concurrent enrollment with MATH 104, 108, 109, 201 or 246.

Development of foundational skills and concepts to allow concurrent enrollment in certain credit-bearing mathematics courses in lieu of prerequisite enrollment in MATH 20.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

MATH 104 Finite Mathematics with Applications (4 crs)

Prerequisite: Grade of C or above in MATH 20, or 2 yrs college-prep algebra + suitable math placement score, or concurrent enrollment in MATH 50 + suitable placement score, or grade of C or above in MATH 50. No credit after MATH 114, 212, 314 or 346

- May not be counted for credit toward a major or minor in mathematics.

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: Grade of C or above in MATH 20, or 2 yrs college-prep algebra + suitable math placement score, or concurrent enrollment in MATH 50 + suitable placement score, or grade of C or above in MATH 50.

- 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: Grade of C or above in MATH 20, or 2 yrs college-prep algebra + suitable math placement score, or concurrent enrollment in MATH 50 + suitable placement score, or grade of C or above in MATH 50.

• *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 113, or MATH 112, 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 173 Introduction to Math Teaching (1 cr)

• *Intent to major in Mathematics Teaching or Comprehensive Mathematics Teaching is recommended for enrollment.*

This course seeks to extend student understanding of the mathematics teaching profession and address introductory topics and skills relevant to the teaching and learning of mathematics.

Seminar Hours: 1

MATH 201 Number and Operations I (2 crs)

Prerequisite: Grade of C or above in MATH 20, or 2 yrs college-prep algebra + suitable math placement score, or concurrent enrollment in MATH 50 + suitable placement score, or grade of C or above in MATH 50. ELED and SPED majors/minors only.

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 246 Elementary Statistics (4 crs)

Prerequisite: Grade of C or above in MATH 20, or 2 yrs college-prep algebra + suitable math placement score, or concurrent enrollment in MATH 50 + suitable placement score, or grade of C or above in MATH 50.

- *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 302 Algebraic Thinking (2 crs)

Prerequisite: MATH 202. Limited to elementary and special education majors and minors.

Mathematical knowledge for teachers based on practice/content standards.

Topics include: algebraic equations, linear functions, non-linear functions, and introduction to formal justification.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MATH 303 Probability and Statistical Thinking (2 crs)

Prerequisite: MATH 202. Limited to elementary and special education majors and minors.

Mathematical knowledge for teachers based on practice/content standards.

Topics include: statistics, probability, and expected value.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MATH 304 Geometric Thinking (2 crs)

Prerequisite: MATH 202. Limited to elementary and special education majors and minors.

Mathematical knowledge for teachers based on practice/content standards.

Topics include: 2D & 3D figures, and transformations.

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 (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 339 Relativity and Differential Geometry (4 crs)

Prerequisite: MATH 216, PHYS 232

The theories and history of special and general relativity. Manifolds, tensors, and metrics as they relate to relativity. Modern research in relativity and astronomy.

Attributes: LE-11 Integration

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

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.*

Sampling distributions; estimation and properties; hypothesis testing; analysis of variance; regression; nonparametric tests; 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, annuities and applications, loans, portfolio management, securities valuation, and an introduction to financial derivatives.

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

Introduction to building mathematical models in an applied context, including principles of modeling; project(s) involve modeling open-ended real-world problems. Skills covered may include discrete dynamical systems, differential equations, stochastic models, and linear programming.

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 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, LE-S3 Creativity

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 373 Issues in Secondary Mathematics (4 crs)

Prerequisite: MATH 345 or MATH 346 or concurrent enrollment; MATH 330 or concurrent enrollment. Limited to mathematics teaching majors.

- *This is a hybrid course offering.*

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, 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

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

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

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 (4 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: 4

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-I1 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).

An introduction to financial derivatives including forwards and options with coverage of binomial, Black-Scholes, and lognormal pricing models.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 475 Actuarial Foundations of Short-Term Coverages (4 crs)

Prerequisite: MATH 347. Admitted to Actuarial Science Program. No credit if taken after MATH 491 when offered as Introduction to Credibility & Loss Models. An introduction to ratemaking and reserving for short-term insurance coverages; credibility theory; and actuarial models for frequency, severity, and aggregate distributions.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 480 Research Seminar (2 crs)

Prerequisite: MATH 380 and faculty supervised research project

Consent: Instructor Consent Required

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 (1-4 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 (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.

Sampling distributions; estimation and properties; hypothesis testing; analysis of variance; regression; nonparametric tests; 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.

Introduction to building mathematical models in an applied context, including principles of modeling; project(s) involve modeling open-ended real-world problems. Skills covered may include discrete dynamical systems, differential equations, stochastic models, and linear programming.

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 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 (4 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: 4

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.

An introduction to financial derivatives including forwards and options with coverage of binomial, Black-Scholes, and lognormal pricing models.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 675 Actuarial Foundations of Short-Term Coverages (4 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.

An introduction to ratemaking and reserving for short-term insurance coverages; credibility theory; and actuarial models for frequency, severity, and aggregate distributions.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

MATH 691 Special Topics (1-4 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 (2 crs)

- *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 (2 crs)

- *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 one day 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: 1

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 one day 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: 1

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: 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: 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: 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: Field Trip(s) Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

Physical Training Hours: 3

Music Education (MUED)

MUED 211 Introduction to Music Education (1 cr)

Prerequisite: No credit if taken after MUSI 211. Minimum sophomore standing.

Co-enrollment with ES 212 required.

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: 0

MUED 300 Adaptive Music (2 crs)

Prerequisite: MUED 211

- *Students must complete a criminal background check prior to participating in field experience. The student is responsible for the cost of this check.*

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 for approximately 10 hours.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

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 for approximately 10 - 12 hours with emphasis upon teacher standards and reflective practice.

Attributes: LE-I1 Integration

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 1

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: 2

MUED 400 Choral Literature and Conducting (3 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: 3

Lab/Studio Hours: 0

MUED 401 Instrumental Literature and Conducting (3 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: 3

Lab/Studio Hours: 0

MUED 410 Secondary Choral Teaching Methods (3 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: 3

Lab/Studio Hours: 0

MUED 411 Secondary Instrumental Teaching Methods (3 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.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MUED 487 Student Teaching in Music (5-10 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.

Professional music teaching experience in the school under the supervision of a cooperating teacher in the school and related University music personnel. Students should follow school calendar where assigned.

Repeat: Course may be repeated for a maximum of 10 credits

Grading Basis: S/U Only Grade Basis

Lab/Studio Hours: 0

Practicum Hours: 40

MUED 488 Internship Teaching in Music (5-10 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

Professional music teaching internship in the school under the supervision of a cooperating teacher in the school and related University music personnel. Students should follow school calendar where assigned.

Attributes: Special Course Fee Required

Repeat: Course may be repeated for a maximum of 10 credits

Grading Basis: S/U Only Grade Basis

Lab/Studio Hours: 0

Practicum Hours: 40

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

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 (3 crs)

Consent: Instructor Consent Required

Designed for students with little or no prior experience playing the electric guitar. Students will be introduced to the fundamentals of guitar technique and its repertoire through exercises, songs, and solo excerpts. This course aims to provide basic concepts of improvisation, harmonization, comping techniques and the basic technical skills and musical vocabulary necessary to play solos and improvise on the electric guitar.

Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

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)

Consent: Department Consent Required

- *No credit toward music major 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 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)

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 117 Beginning Guitar (3 crs)

Designed for students with little or no prior experience playing guitar. Students will learn the fundamentals of guitar technique and its repertoire through exercises and popular songs. Additionally, students will be introduced to music theory and music notation applied to the guitar and acquire a basic historical understanding of the guitar's role in different cultures.

Attributes: LE-S3 Creativity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

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 119 Classical and Folk Guitar (3 crs)

Consent: Instructor Consent Required

Classical and Folk Guitar is an introductory guitar course designed for students with some previous guitar experience, but little or no prior experience playing guitar in these styles. Students will learn the fundamentals of classical and folk guitar techniques and their repertoire through technique exercises, solo, and ensemble pieces. Additionally, students will be introduced to music theory and music notation applied to the guitar and acquire a basic historical understanding of the guitar's role in different cultures.

Attributes: LE-S3 Creativity

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MUSI 133 The Healing Art of Music (3 crs)

Students will learn how music is processed neurologically so as to be able to intentionally use music to elicit desired responses. Students will learn to structure musical engagement to elicit healthy responses and eliminate or decrease unhealthy responses for oneself and for others via weekly interaction with a community partner. Students will learn how to interact with and motivate others to respond in a healthy manner and achieve desired goals through musical engagement.

Attributes: LE-I1 Integration, LE-R3 Civic and Environmental Issues, Service-Learning, Half 15 Hours

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

MUSI 139 Music Theory Fundamentals (3 crs)

Prerequisite: Limited to musical theatre majors, music minors, and Recording Arts Certificate students.

This course covers fundamental concepts of written music theory and aural skills for musical theatre majors, music minors, and Recording Arts Certificate students.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MUSI 141 Theory Written I (3 crs)

Prerequisite: Limited to music majors and minors, and musical theatre majors.

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 majors and minors, and musical theatre majors.

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: 1

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: 1

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 173 Applied Conducting (1-2 crs)

Consent: Instructor Consent Required
Conducting and rehearsal technique, score study, and repertoire knowledge.

Repeat: Course may be repeated for a maximum of 4 credits

MUSI 174 Applied Guitar (1-4 crs)

Consent: Instructor Consent Required
Solo repertoire, techniques, and performance.

Repeat: Course may be repeated
Grading Basis: A-F Grades Only
Lab/Studio Hours: 0
Independent Study Hours: Variable

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 7 credits

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

MUSI 187 Varsity Band (1 cr)

Performs at stage shows and invited events. Out-of-town performances may be part of this course.

Attributes: Field Trip(s) Required

Repeat: Course may be repeated for a maximum of 4 credits

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 1

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 The Singing 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 Treble Choir (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: 2

MUSI 196 String Techniques (1 cr)

Prerequisite: Co-requisite with MUSI 210

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: 0

MUSI 198 Percussion Techniques (1 cr)

Prerequisite: Co-requisite with MUSI 202

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: 0

MUSI 202 Brass Techniques (1 cr)

Prerequisite: Co-requisite with MUSI 198

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 205 Vocal Techniques (2 crs)

Consent: Instructor Consent Required

Materials, methods, and techniques of teaching voice and choral ensembles.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 208 Woodwind Techniques (1 cr)

Consent: Instructor Consent Required

Materials, methods, and techniques of playing and teaching flute, clarinet, and saxophone through lecture and lab performance.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 1

MUSI 210 Woodwind Techniques (1 cr)

Prerequisite: Co-requisite with MUSI 196

Consent: Instructor Consent Required

Materials, methods, and techniques of playing and teaching oboe and bassoon through lecture and lab performance.

Lecture/Discussion Hours: 1

Lab/Studio Hours: 1

MUSI 217 Topics in Sound Recording (2-3 crs)

Lecture/Discussion Hours: Variable Topics will vary depending on the interests of students and faculty. Topics will address various concepts and techniques in sound recording techniques and technology.

Attributes: LE-S3 Creativity

Repeat: Course may be repeated for a maximum of 9 credits

Grading Basis: A-F Grades Only

Lab/Studio Hours: 0

MUSI 224 Music and Gender (3 crs)

• *Credit may not be earned in both MUSI 224 (formerly MUSI 306) and WGSS 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 Global Traditions in Music (3 crs)

Prerequisite: Credit may not be earned in both MUSI 225 and MUSI 305.

• *No credit toward music major programs. Credit may not be earned in both MUSI 225 and MUSI 305.*

Introduction to the sound and concepts of diverse musical cultures from around the world, examining broad historical, cultural, and social contexts of music. Draws on folk, popular, traditional and art music genres. No prior knowledge of music assumed.

Attributes: Foreign Culture, Cultural Diversity 1 cr., GE IVA Humanities-Fine Arts, LE-K4 Fine Arts, LE-R2 Global Perspectives

Lecture/Discussion Hours: 3

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 233 Dance and Relaxation Neuromedical Applications (3 crs)

Students will learn Alexander Technique and other physical – therapy based relaxation techniques to facilitate relaxation and healthy movement using music. Students will learn Neurologic Music Therapy Patterned Sensory Enhancement techniques to help long-term care residents to perform their range of motion exercises. Students will learn and apply relaxation techniques paired with music for local youth.

Attributes: LE-I1 Integration, LE-R3 Civic and Environmental Issues, Service-Learning, Full 30 Hours

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

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: 1

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: 1

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 Functional Piano (1 cr)

Prerequisite: MUSI 108 (or proof of placement into MUSI 151) and completion of the Piano Proficiency Exam.

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: 1

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 291 Special Topics (1-3 crs)

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.

Repeat: Course may be repeated for a maximum of 9 credits

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.

Repeat: Course may be repeated for a maximum of 4 credits

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 309 Electronic Music (2 crs)

Prerequisite: MUSI 102 or MUSI 139 or MUSI 141

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 (3 crs)

Prerequisite: Junior standing as a music major/minor.

Consent: Instructor Consent Required

Survey problems of individual and class instruction, learning methods, in-depth study of piano method books and literature, the physiological basis of piano playing, sound business practices for the studio teacher, and a brief survey of historical schools of piano instruction.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

MUSI 317 Sound Technology Principles (3 crs)

Consent: Instructor Consent Required

This course focuses on principles of live sound mixing and recording, including hands-on work in recording studios.

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 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 333 Influence of Music on Behavior (3 crs)

Students will learn neuroscience models related to how music is processed in the brain as well as how musical interventions are structured to address goals in motor, cognitive, language, social, and emotional functioning. Students will apply these principles for themselves and for people in the community with special needs by creating musical interventions to target each goal area.

Attributes: LE-11 Integration, LE-R3 Civic and Environmental Issues

Lecture/Discussion Hours: 2

Lab/Studio Hours: 1

MUSI 335 Counterpoint (2 crs)

Prerequisite: MUSI 246

This course covers instrumental counterpoint in two and three voices based on eighteenth-century techniques, and it includes a summary of the legacy of sixteenth-century vocal 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 373 Advanced Applied Conducting (1-2 crs)

Prerequisite: MUSI 246, 247, 350

Advanced conducting and rehearsal technique, score study, and repertoire knowledge.

Repeat: Course may be repeated for a maximum of 6 credits

MUSI 374 Advanced Applied Guitar (1-4 crs)

Consent: Instructor Consent Required

Solo repertoire, techniques, and performance.

Repeat: Course may be repeated

Grading Basis: A-F Grades Only

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 7 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 The Singing 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 Treble Choir (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: 2

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 403 Score Study Seminar (2 crs)

This seminar focuses on the systematic method of score study with a purpose of developing own musical interpretation. Students will select and prepare an interpretation project and present results to class.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

MUSI 404 Music History Seminar (3 crs)

Prerequisite: MUSI 229; 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 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 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 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 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 (3 crs)

Prerequisite: Junior standing as a music major/minor. Credit may not be earned in both MUSI 475/MUSI 675 and MUSI 481.

Consent: Instructor Consent Required

A study of the literature for solo piano from the Renaissance to the present.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

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 (1-3 crs)

Consent: Instructor Consent Required

• *Limited to music majors and minors and students enrolled in the Arts Administration Certificate and the Recording Arts Certificate programs.*

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: LE-I1 Integration, 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 Counterpoint (2 crs)

- *Cross-listed with MUSI 335. Credit may not be earned in both courses.*

This course covers instrumental counterpoint in two and three voices based on eighteenth-century techniques, and it includes a summary of the legacy of sixteenth-century vocal 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 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 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 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

Nursing (NRSG)

NRSG 101 Cultural Bridge I (1 cr)

- 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

NRSG 102 Cultural Bridge II (1 cr)

Prerequisite: NRSG 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

NRSG 103 Cultural Bridge III (1 cr)

Prerequisite: NRSG 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

NRSG 105 Dilemmas of Knowledge in Nursing and Healthcare (1 cr)

Prerequisite: WRIT 116 or concurrent enrollment, or consent of instructor.

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

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

NRS 205 Integrating Knowledge for Improving Health (1 cr)

Prerequisite: BIOL 214; BIOL 314 and PSYC 230 or concurrent enrollment.

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

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

NRS 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

NRS 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

NRS 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

NRS 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

NRS 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 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, LE-DDIV Design for Diversity, LE-I1 Integration, LE-R1 Equity, Diversity, and Inclusivity

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

NRS 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: 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

NRS 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

NRSG 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.

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

NRSG 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

NRSG 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

NRSG 265 Women's Health Issues (3 crs)

- *Credit may not be earned in both NRSG 265 and WGSS 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

NRSG 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; NRSG 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: 6

NRSG 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

NRSG 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

NRSG 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: 9

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: Field Trip(s) Required, Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 6

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: 6

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.

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: 3

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.

- Special course fees required.

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.

Attributes: Field Trip(s) Required
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 0
Lab/Studio Hours: 6

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 NRS/SW 360.

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, 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

NRSG 376 Nursing Care of Women, Infants, and Families (3 crs)

Prerequisite: NRSG 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: 6

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, Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 9

NRS 429 Nursing: Human Concepts and Responses to Health and Health Deviations II (6 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.*

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: 9

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: 6

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: 6

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: 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 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.

Attributes: Special Course Fee Required Varies by Term/Section

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

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

NRS 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: 6

NRS 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

NRS 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

NRS 457 Nursing Care of Chronically Ill Patients and Their Families (3 crs)

Prerequisite: NRS 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

NRS 458 Contemporary Issues in Professional Nursing (2 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.*

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

NRS 460 Transition to Professional Nursing Practice (8 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.*

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: 12

NRS 467 Seminar: Innovative Solutions to Complex Healthcare Problems (2 crs)

Prerequisite: NRS 424, NRS 428 both with a grade of C or above; NRS 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

NRS 477 Practicum: Nursing Leadership II (4 crs)

Prerequisite: NRS 424 with a grade of C or above. Limited to nursing majors admitted to College of Nursing and Health Sciences.

- *Special course fees required.*

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.

Attributes: Field Trip(s) Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 12

NRS 487 Transition to Professional Nursing Practice (3 crs)

Prerequisite: NRS 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: 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

NRS 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

NRS 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

NRS 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

NRS 589 Cross Cultural Health (3 crs)

Prerequisite: GEOG 111 or SOC 101 or ANTH 161 or consent of instructor.

- *Cross-listed with NRS 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

NRS 626 Contemporary Issues in Critical Care (3 crs)

Consent: Instructor Consent Required

- Distance education fee for students in Marshfield section. Cross-listed with NRS 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

NRS 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

NRS 702 Nursing Research: Application (2 crs)

Prerequisite: NRS 701. Limited to graduate students in the MSN program.

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

NRS 703 Advanced Clinical Concepts for Nurse Educators (3 crs)

Prerequisite: NRS 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

NRS 704 Advanced Health Assessment: Adults and Older Adults (2 crs)

Prerequisite: NRS 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: 2.5

NRS 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

NRS 708 Advanced Health Assessment: Family (2 crs)

Prerequisite: NRS 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: 2.5

NRS 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

NRS 712 Pharmacotherapeutics for Advanced Clinical Practice (3 crs)

Prerequisite: NRS 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

NRSRG 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.
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.

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 program.
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: 15

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: 20

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: 15

NRSRG 750 Nursing Administration I (6 crs)

Prerequisite: NRSRG 702, NRSRG 715; and NRSRG 720 or NRSRG 725 for MSN students. NRSRG 715; and NRSRG 720 or NRSRG 725; NRSRG 803 or concurrent enrollment for BSN-to-DNP students. 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: 15

NRSRG 751 Nursing Administration II (5-7 crs)

Prerequisite: NRSRG 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: 15-20

NRSRG 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

NRSRG 794 Scholarly Project (1-2 crs)

Prerequisite: NRSRG 701, NRSRG 702; and NRSRG 720 or NRSRG 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

NRSRG 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

NRSRG 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

NRSRG 799 Thesis (1-3 crs)

Prerequisite: NRSRG 701, NRSRG 702; NRSRG 720 or NRSRG 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

NRSRG 800 Advanced Nursing Practice and Informatics (2 crs)

Prerequisite: NRSRG 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

NRSRG 802 Philosophical, Theoretical, and Ethical Foundations for Advanced Nursing Practice (3 crs)

Prerequisite: NRSRG 720 or NRSRG 725 or concurrent for BSN to DNP students.

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, theoretical, and ethical perspectives and foundations of the discipline. Paradigms and strategies for theory development in advanced practice nursing are examined. Includes advocacy for social justice and ethical health policies.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

NRSRG 803 Advanced Epidemiology and Biostatistics for Population Health (4 crs)

Prerequisite: NRSRG 802. 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.*

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

NRSRG 805 Clinical Scholarship for Advanced Nursing Practice (4 crs)

Prerequisite: NRSRG 803. 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 elements of advanced clinical scholarship. Content includes 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 are integrated and applied to advanced nursing practice.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 4

Lab/Studio Hours: 0

NRSRG 809 Organizational Leadership and Health Policy for Advanced Nursing Practice (4 crs)

Prerequisite: NRSRG 800. 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 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

NRSRG 811 Advanced Clinical Practice for Adults and Older Adults I (5 crs)

Prerequisite: NRSRG 704, NRSRG 712, NRSRG 720; NRSRG 805 or concurrent enrollment; or consent of instructor. Limited to graduate students in the DNP program. Credit may not be earned in both NRSRG 811 and NRSRG 813

- *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.*

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 introduced.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 5

NRSRG 813 Family Health: Advanced Clinical Practice I (5 crs)

Prerequisite: NRSRG 708, NRSRG 712, and NRSRG 725; NRSRG 805 or concurrent enrollment; or consent of instructor. Limited to graduate students in the DNP program. Credit may not be earned in both NRSRG 811 and NRSRG 813.

- *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.*

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 in primary care is introduced.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 5

NRSRG 815 Advanced Clinical Practice for Adults and Older Adults II (6 crs)

Prerequisite: NRSRG 741 or NRSRG 811; NRSRG 809 or concurrent enrollment; or consent of instructor. Limited to graduate students in the DNP program. Credit may not be earned in both NRSRG 815 and NRSRG 817

- *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 advanced clinical decision-making with emphasis on acute and chronic health deviations in adults, older adults, and communities. Clinical decision-making skills expand to facilitate advanced clinical practice nursing and collaborative practice in a variety of settings.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 10

NRSB 817 Family Health: Advanced Clinical Practice II (6 crs)

Prerequisite: NRSB 813; NRSB 809 or concurrent enrollment; or consent of instructor. Limited to graduate students in the DNP program. Credit may not be earned in both NRSB 815 and 817.

- *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 advanced clinical decision-making with emphasis on acute and chronic health deviations in individuals, families, and communities. Clinical decision-making skills expand to facilitate advanced clinical practice nursing and collaborative practice in a variety of settings.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 4

Lab/Studio Hours: 10

NRSB 820 BSN to DNP Seminar & Practicum I (3 crs)

Prerequisite: NRSB 809; NRSB 751 or NRSB 815 or NRSB 817. 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.*

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

Lab/Studio Hours: 5

Seminar Hours: 2

NRSB 824 BSN to DNP Seminar II (1 cr)

Prerequisite: NRSB 820; NRSB 831 or NRSB 833 or NRSB 852 concurrent enrollment. 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 health care outcomes. Begin to synthesize knowledge and experiences as a future DNP prepared nurse.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Lab/Studio Hours: 0

Seminar Hours: 1

NRSB 825 BSN to DNP Seminar III (1 cr)

Prerequisite: NRSB 824; NRSB 835 or NRSB 837 or NRSB 853 concurrent enrollment. 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.*

Final course in the sequence to emphasize role transition to advanced professional nursing roles within a complex healthcare environment, including planning for life-long learning. Synthesize knowledge and experiences as a future DNP prepared nurse.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Lab/Studio Hours: 0

Seminar Hours: 1

NRSB 826 MSN to DNP Seminar & Practicum I (3 crs)

Prerequisite: NRSB 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. Includes application of culturally sensitive, evidence-based practice approaches within healthcare.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Lab/Studio Hours: 5

Seminar Hours: 2

NRSB 827 MSN to DNP Seminar & Practicum II (4 crs)

Prerequisite: NRSB 826. 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

Lab/Studio Hours: 10

Seminar Hours: 2

NRSB 831 Advanced Clinical Practice of Frail Older Adults (5 crs)

Prerequisite: NRSB 815, NRSB 820. 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: 2

Lab/Studio Hours: 15

NRSB 832 Synthesis of Advanced Clinical Practice of Adults and Older Adults I (1 cr)

Prerequisite: NRSB 831. 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 clinical practicum provides an opportunity for students to continue to develop clinical competencies and begin to synthesize care of adults and older adults.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 5

NRSB 833 Advanced Clinical Practice of Families within Vulnerable Populations (5 crs)

Prerequisite: NRSB 817, NRSB 820. 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. Navigating the health-care system to provide optimum care outcomes for vulnerable populations will be emphasized. Practicum experience will include vulnerable populations across the continuum of care.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 15

NRSB 834 Synthesis of Advanced Clinical Practice of Families I (1 cr)

Prerequisite: NRSB 833. 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 clinical practicum provides an opportunity for students to continue to develop clinical competencies in the care of families and individuals across the lifespan.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 5

NRSB 835 Synthesis of Advanced Clinical Practice of Adults and Older Adults II (4 crs)

Prerequisite: NRSB 832 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: 15

NRSB 837 Synthesis of Advanced Clinical Practice of Families II (4 crs)

Prerequisite: NRSB 834 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: 15

NRSRG 852 Nursing Administration III (4 crs)

Prerequisite: NRSRG 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, fiscal management, and relationship building with diverse stakeholders.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 10

NRSRG 853 Synthesis for the Nurse Executive (3 crs)

Prerequisite: NRSRG 852. 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 nurse executive role.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 10

NRSRG 890 DNP Project I (2 crs)

Prerequisite: NRSRG 809. BSN to DNP: NRSRG 816 or NRSRG 818 or NRSRG 751 also required. Limited to graduate 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: 7.5

Seminar Hours: .5

NRSRG 891 DNP Project II (3 crs)

Prerequisite: NRSRG 890. Limited to graduate 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 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: 7.5

Seminar Hours: 1.5

NRSRG 892 DNP Project I (1 cr)

Prerequisite: NRSRG 809 or concurrent; for BSN to DNP students concurrent enrollment in NRSRG 815 or NRSRG 817 or NRSRG 751 is also required. 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.*

Part one of the culminating experience for the DNP student designed as a specialized advanced nursing practice field project conducted over three semesters. It is designed as a clinical scholarship project allowing students to demonstrate expertise in practice and will be individualized based on student experience and projected career goals.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: S/U Only Grade Basis

Lab/Studio Hours: 0

Seminar Hours: 1

NRSRG 893 DNP Project II (3 crs)

Prerequisite: NRSRG 892. 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.*

Part two of the culminating experience for the DNP student designed as a specialized advanced nursing practice field project conducted over three semesters. It is designed as a clinical scholarship project allowing students to demonstrate expertise in practice and will be individualized based on student experience and projected career goals.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: S/U Only Grade Basis

Lab/Studio Hours: 7.5

Seminar Hours: 1.5

NRS 894 DNP Project III (3 crs)

Prerequisite: NRS 893. 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.*

Part three of the culminating experience for the DNP student designed as a specialized advanced nursing practice field project conducted over three semesters. It is designed as a clinical scholarship project allowing students to demonstrate expertise in practice and will be individualized based on student experience and projected career goals.

Attributes: DNP Fee, Special Course Fee Required

Grading Basis: S/U Only Grade Basis

Lab/Studio Hours: 7.5

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 3 credits

Grading Basis: S/U/PR Only Grade Basis

Lecture/Discussion Hours: 1

Lab/Studio Hours: 0

Philosophy (PHIL)

PHIL 101 Introduction to Philosophy (3 crs)

An introduction to philosophy through exploration of philosophical problems (e.g., the nature of knowledge, the nature of morality, free will, the rationality of religious faith) or exploration of canonical texts (e.g., Plato's Republic, Descartes' Meditations).

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, LE-I1 Integration

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHIL 200 What is Happiness? (3 crs)

Explores happiness through philosophical, religious, and psychological approaches.

Attributes: GE IVB Humanities-Philosophy/Religious Studies, LE-I1 Integration, LE-K3 Humanities

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHIL 234 Classical Chinese Philosophy (3 crs)

An introduction to classical Chinese philosophy focusing on Confucian, Daoist, Mohist, and Legalist traditions.

Attributes: LE-K3 Humanities

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 280 Philosophy of Race (3 crs)

Explores the philosophical issues surrounding race and racism and the origins of the idea of race, different theories about what race is, theories of racism, the history of race in American society, and how it still operates today. Examines current scholarship in philosophy, psychology, and political science.

Attributes: LE-DDIV Design for Diversity, LE-I1 Integration, LE-R1 Equity, Diversity, and Inclusivity

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, LE-K3 Humanities, LE-R3 Civic and Environmental Issues, 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 Philosophy course 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, gender, and sexuality studies.

• *Credit may not be earned in both PHIL 377 and WGSS 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 Philosophy course 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.

Attributes: LE-S3 Creativity

Repeat: Course may be repeated for a maximum of 6 credits

Lab/Studio Hours: 0

Seminar: 3

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 4 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 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 II Natural Sciences, 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 II Natural Sciences, LE-K1 Natural Sciences

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

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 II Natural Sciences, 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 II Natural Sciences, 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 240 Computational Physics (3 crs)

Prerequisite: PHYS 231

An introduction to the use of computational tools for solving physical problems. Topics include an introduction to computing, visualization techniques, numerical integration, and numerical solutions to differential equations.

Attributes: Special Course Fee Required

Lecture/Discussion Hours: 2

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-I1 Integration

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PHYS 333 Quantum Physics (3 crs)

Prerequisite: PHYS 332, and MATH 216, and PHYS 240 or one of CS 145 or CS 163 or CS 170 and a passing score on Python proficiency exercise.

• If CS 145, CS 163, or CS 170 is taken, contact the department to complete the required Python programming exercise.

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, and PHYS 240 or one of CS 145 or CS 163 or CS 170 and a passing score on Python proficiency exercise.

• If CS 145, CS 163, or CS 170 is taken, contact the department to complete the required Python programming exercise.

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, and PHYS 240 or one of CS 145 or CS 163 or CS 170 and a passing score on Python proficiency exercise. Credit may not be earned in both PHYS 356 and PHYS 365.

• If CS 145, CS 163, or CS 170 is taken, contact the department to complete the required Python programming exercise.

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, and PHYS 240 or one of CS 145 or CS 163 or CS 170 and a passing score on Python proficiency exercise.

- If CS 145, CS 163, or CS 170 is taken, contact the department to complete the required Python programming exercise.

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 Electrical, Optical and Magnetic Properties of Materials (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, and PHYS 240 or one of CS 145 or CS 163 or CS 170 and a passing score on Python proficiency exercise.

- If CS 145, CS 163, or CS 170 is taken, contact the department to complete the required Python programming exercise.

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 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, and MATH 216, and PHYS 240 or one of CS 145 or CS 163 or CS 170 and a passing score on Python proficiency exercise. No credit if taken after PHYS 334 and PHYS 435.

- If CS 145, CS 163, or CS 170 is taken, contact the department to complete the required Python programming exercise.

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 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 (1-4 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 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 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 217 Freedom of Speech (3 crs)

A study of the freedom of expression in an open and democratic society, including historical, philosophical, political, and legal considerations. Emphasizes debates on contemporary First Amendment topics.

Attributes: LE-K2 Social Sciences, LE-R3 Civic and Environmental Issues

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

POLS 238 Mock Trial (1 cr)

A study of American trial advocacy and basic preparation for participation in intercollegiate mock trial. Exposure to the fundamentals of competitive mock trial: opening and closing statements, direct and cross examination, rules of evidence, objections, exhibits, case law.

Lecture/Discussion Hours: 1

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 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

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 III Social 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 317 Introduction to Legal Advocacy and Moot Court (3 crs)

Prerequisite: POLS 305, POLS 403, or POLS 404; minimum sophomore standing

This course is a hands-on exploration of legal written and oral advocacy. Students will be exposed to basic methods of legal research and writing, briefing and motions practice, and oral argument through simulated cases.

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 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 Political Science 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 327 Politics of Continental Europe (3 crs)

Prerequisite: POLS 102 or POLS 110 or consent of instructor.

An examination 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 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 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 III Social 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 III Social 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 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 WGSS 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 WGSS 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 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

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 WGSS/POLS 351/551. 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

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 IIIIE 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. Credit may not be earned in both PSYC 101 and PSYC 102.

- 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 102 Foundations in the Discipline of Psychology (3 crs)

Prerequisite: Limited to psychology majors. Credit may not be earned in both PSYC 101 and PSYC 102.

- Concurrent enrollment with PSYC 100 is recommended.

Introduces students to knowledge and skills that are foundational to the discipline of psychology and to their success as college students and professionals. Students will be taught bibliographic, reasoning, writing, and research skills in psychology and begin to develop their educational programs and portfolios.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 121 Introduction to Child Life (3 crs)

- No credit if taken after PSYC 491 when offered as Introduction to Child Life.

Understand the scope of child life practice, including developmental and psychosocial issues faced by children in stressful life events.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 221 Child Life: Therapeutic Play (3 crs)

Prerequisite: Sophomore standing

- No credit if taken after PSYC 491 when offered as Child Life: Therapeutic Play.

Addresses classical and contemporary theories and concepts of play. Provides students with knowledge of the importance of play in a child's development and learn how to plan therapeutic play activities.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

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 IIIIE 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 IIIIE 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 IIIIE 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 IIIIE 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: PSYC 100; 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.

Attributes: LE-S3 Creativity

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 IIIIE Social Science-Psychology, LE-I1 Integration, LE-K2 Social Sciences

Lecture/Discussion Hours: 2

Lab/Studio Hours: 1

PSYC 286 Understanding Suicide (3 crs)

Prerequisite: PSYC 100 and minimum sophomore standing. No credit if taken after PSYC 491 when offered as Understanding Suicide.

Provides a broad overview of what is currently known about suicide and ways to prevent it. Students will learn who is at risk for suicide, why people attempt and die by suicide, how we may prevent it, and the widespread impact of suicide from a multi-systemic framework.

Attributes: LE-R3 Civic and Environmental Issues

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 291 Special Topics (1-4 crs)

•A maximum of seven credits earned in PSYC 291 and PSYC 491 may count toward the major.

Intensive study of a topic selected because of a special interest on the part of students or faculty.

Repeat: Course may be repeated for a maximum of 6 credits

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 III Social Science

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 and minimum sophomore standing.

• *Credit may not be earned in both PSYC 336 and WGSS 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, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity, 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 348 Black Psychology (3 crs)

Prerequisite: PSYC 100

• *Credit may not be earned in both WGSS/PSYC 348. No credit if taken after PSYC 491 when offered as Black Psychology.*

An in-depth study of theories and research concerning the Black lived experience in modern American society from a culturally relevant and appropriate perspective. A range of topics that pertain to the psychological experiences of African Americans such as racism and discrimination, achievement and schooling, kinship and family, racial identity, religion and spirituality, and African American mental health will be discussed.

Attributes: Cultural Diversity 3 cr., GE III Social Science, LE-DDIV Design for Diversity, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

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, 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 362 Clinical Neuroscience (3 crs)

Prerequisite: Grade of C or above in IDIS 125 or consent of the instructor

Addresses the biological correlates of many psychological, neurological and health-related disorders. Published neuroscience research findings are used to examine the connections between the signs and symptoms of these pathologies and changes in brain neurobiology, neurochemistry, and neurophysiology.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 363 Psychology of Addictions (3 crs)

Prerequisite: IDIS 125 or PSYC 271

This course investigates the neurobiological causes of addictive personality types and chemical and behavioral addictions. In addition, the course covers treatment options and outcomes for those walking the pathway out of addictions.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PSYC 366 Statistical Methods in Psychology II (3 crs)

Prerequisite: MATH 246 or 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 IDIS 125 or consent of instructor.

- *PSYC 271 required for Psychology majors or minors. IDIS 125 required for Neuroscience majors and minors.*

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 387 Behavioral Neuroscience (3 crs)

Prerequisite: IDIS 125 (Introduction to Neuroscience) grade C or better

An in-depth review of the function of the nervous system as it relates to higher complex traits like cognition, emotion, attention, movement, and motivated behavior.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

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.

Consent: Department Consent Required

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.

Consent: Department Consent Required

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 (4 crs)

Prerequisite: PSYC 480 or concurrent enrollment. 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: 1

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 or 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 (1-4 crs)

- A maximum of seven credits earned in PSYC 291 and PSYC 491 may count toward the major.

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 for a maximum of 6 credits

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.

Consent: Instructor Consent Required

The purpose of this course is to introduce 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/WGSS 336/536. 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 548 Black Psychology (3 crs)

Prerequisite: PSYC 100

- *Cross-listed with WGSS/PSYC 348/548. Credit may only be earned in one of these courses. No credit if taken after PSYC 491 when offered as Black Psychology.*

An in-depth study of theories and research concerning the Black lived experience in modern American society from a culturally relevant and appropriate perspective. A range of topics that pertain to the psychological experiences of African Americans such as racism and discrimination, achievement and schooling, kinship and family, racial identity, religion and spirituality, and African American mental health will be discussed.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

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)

- *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: Enrollment in School Psychology Graduate Program.

- 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 (4 crs)

Prerequisite: PSYC 480/680 or concurrent enrollment. Grade of B or above in PSYC 390/590.

- 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: 1

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 or 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 (1-4 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.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

PSYC 692 The Professional Practice of School Psychology: Role, Function, Ethics, and Legal Issues (3 crs)

Consent: Instructor Consent Required

- Cross-listed with PSYC 492. Credit may not be earned in both courses.

The purpose of this course is to introduce 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 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 727 Education Specialist Capstone (1-4 crs)

Prerequisite: Student in School Psychology graduate program. Completion of the MSE degree.

- A maximum of three credits of PSYC 727 may count toward degree requirements. Limited to graduate students in the school psychology program.

A description of acceptable topics and the precise nature of the Education Specialist Capstone 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

Lab/Studio Hours: 0

Independent Study Hours: 1-4

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: PSYC 760

- Limited to graduate students in the school psychology program.

Practicum 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

Practicum Hours: 2

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: Limited to students in the Education Specialist School Psychology program

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)

• A maximum of three credits of PSYC 799 may count toward degree requirements. 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 6 credits

Grading Basis: PR Only Grade Basis

Public Health (PH)

PH 291 Special Topics (3 crs)

Consent: Instructor Consent Required

This course provides students with an opportunity to investigate a specific topic in Public Health. Topics vary from semester to semester.

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PH 395 Directed Studies (1-3 crs)

Prerequisite: Minimum sophomore standing

Consent: Department Consent Required

For the student who wishes to pursue a defined, organized study of a public health topic under the direction of a faculty member.

Repeat: Course may be repeated for a maximum of 6 credits

PH 399 Independent Study - Juniors (1-3 crs)

Prerequisite: Minimum junior standing

Consent: Department Consent Required

Independent study projects under the direction of a faculty mentor.

Repeat: Course may be repeated

PH 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

PH 460 Public Health Practice (1-3 crs)

Prerequisite: Open only to Public Health majors. Minimum junior standing.

Consent: Instructor Consent Required

This capstone course asks students to integrate previous learning in Public Health to a directed field experience with participation in a community, worksite, or health agency program. Experience is individually arranged to meet student needs.

Attributes: Capstone Course

Grading Basis: A-F Grades Only

PH 491 Special Topics (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 public health courses.

Repeat: Course may be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

PH 495 Directed Studies - Seniors (1-3 crs)

Prerequisite: Minimum senior standing

Consent: Department Consent Required

For the senior who wishes to pursue a defined, organized, and in-depth study of a public health issue or problem under the direction of a faculty member.

Repeat: Course may be repeated for a maximum of 6 credits

PH 499 Independent Study - Seniors (1-3 crs)

Prerequisite: Minimum senior standing

Consent: Department Consent Required

An opportunity for senior students to pursue a public health studies topic under the direction of a faculty mentor.

Repeat: Course may be repeated

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 WGSS 203. No credit if taken after ANTH 354 or RELS 354.*

Survey of women's religious lives. Impact of patriarchy is examined and compared to matrilineal societies. Feminist reading of religious texts is explored.

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 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, LE-K3 Humanities, 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 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, LE-K3 Humanities

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

RELS 315 Psychology of Religion (3 crs)

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, LE-K3 Humanities

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, LE-K3 Humanities
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 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 for a maximum of 6 credits

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 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-11 Integration, LE-R2 Global Perspectives

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SW 220 Interpersonal Skills (3 crs)

Prerequisite: SW 100 and SW 290. Admission to social work program required.

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: SW 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.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SW 315 Aging and the Aged (3 crs)

The process of aging, its problems, effects on society, needs of the aged, and social services to the aged.

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: 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: SW 100, SW 290. Admission to social work program required.
• *Permission to take SW 335 prior to admission to the social work program may be granted in limited instances. Contact department chair.*

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 NRSB/SW 360.*

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: 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)

Prerequisite: SW GPA of 2.5 or higher

Consent: Department Consent Required

- *Completion of the course in which assisting with a minimum grade of C.*

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 Culturally Competent SW 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, Field Trip(s) Required

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 320

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 to 12 credits. 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-I1 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 490 Mental Health and Substance Abuse (3 crs)

This course will provide basic knowledge and skills necessary to practice effective generalist social work practice for those with mental health concerns and substance use.

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

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 IIF 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 IIF Social Science-Sociology, LE-K2 Social Sciences

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 202 Sociology of Gender (3 crs)

- *Credit may not be earned in both SOC 202 and WGSS 202.*

Explores sexism and cisgender privilege in social institutions in the U.S. and globally using a social constructionist and intersectional approach.

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 IIIF Social Science-Sociology, LE-R3 Civic and Environmental Issues

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 IIIF 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 Sociology of the Middle East.

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 IIIF 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 IIIF 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 IIIF 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 IIIF 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 IIIF Social Science-Sociology, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 317 Sociology of Food and Agriculture (3 crs)

Prerequisite: SOC 101

The prevalent industrial food and agricultural systems have caused massive ecological transformations, which in turn have imperiled the sustainability of food and agricultural systems. This dysfunction is the result of an unsustainable relationship between ecosystems and social systems, which need to be understood, and replaced with sustainable alternatives. This course is an attempt to help young scholars become food-smart and agriculture-wise.

Attributes: LE-K2 Social Sciences, LE-R3 Civic and Environmental Issues

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 IIIF Social Science-Sociology

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 328 Sociological Data Analysis (3 crs)

Prerequisite: Completion of Liberal Education Skills Outcome 2 (S2) course; SOC 101. Limited to sociology majors and minors, and criminal justice majors. Attention to statistical description, statistical inference, graphic presentation, and interpretation of results. Use of basic SPSS skills for analyzing sociological data. Covers univariate, bivariate, and multivariate analysis.

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 (4 crs)

Prerequisite: SOC 330. Limited to sociology majors and minors or Social Studies, Broadfield Teaching Sociology emphasis majors
 • *Criminal justice majors may enroll if they have completed CRMJ 301.*

Part II of theory-methods sequence. Covers principles, techniques, and practice of scientific research, with emphasis on quantitative survey methods.

Attributes: LE-S3 Creativity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 2

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 IIIF 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-I1 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 IIIF 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 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 Gender and Power (3 crs)

Prerequisite: SOC 101 or WGSS 100

- *Credit may not be earned in both SOC 419 and WGSS 419.*

Sociological analysis of gender oppression and cisgender privilege in interactions, organizations, and institutions. Examines national and global gender inequities.

Attributes: Cultural Diversity 1 cr.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SOC 426 Sociology of Sexualities (3 crs)

Prerequisite: SOC 101

- *Credit may not be earned in both SOC 426 and WGSS 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 obtained through the major and their coursework. Students synthesize basic research and applied components of the discipline.

Attributes: LE-11 Integration, 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 LAS 354, SPAN 351 or 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. No credit after LAS 352, SPAN 351, 352

- *Credit may not be earned in both SPAN 354 and 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

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 IV Humanities, 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.*

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 356 or 363 or SPAN/LAS 352 or SPAN/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 LAS/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

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 SPAN/LAS 476. Covers period from 1950 to the present.

Attributes: Foreign Culture, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 478 Latin American Modernismo (3 crs)

Prerequisite: SPAN 363 or SPAN 367/LAS 367, or consent of instructor.

- *Credit may not be earned in both SPAN 478 and LAS 478. No credit if take after SPAN 475/675/LAS 475/675 when offered as El Modernismo.*

A study of the late 19th century Latin American modernismo movement and its context. The course may focus on a major author, genre, or theme.

Attributes: 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 WGSS 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 LAS 354, SPAN 351, 354.

- *Cross-listed with LAS/SPAN 352/552. 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.*

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 LAS/SPAN 367/567. Credit may only be earned in one of these courses.*

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 LAS/SPAN 475/675.*

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 Latin America I: 1850-1950 (3 crs)

Prerequisite: SPAN 363/563 or LAS/SPAN 367/567, or consent of instructor.

- *Cross-listed with LAS/SPAN 476/676. 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

SPAN 677 The Novel in Latin America II: 1950-Present (3 crs)

Prerequisite: SPAN 363/563 or LAS/SPAN 367/567, or consent of instructor.

- *Cross-listed with LAS/SPAN 477/677. Credit may only be earned in one of these courses.*

Continuation of LAS/SPAN 676. Covers period from 1950 to the present.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPAN 678 Latin American Modernismo (3 crs)

Prerequisite: SPAN 363, or SPAN/LAS 367, or consent of instructor.

- *Cross-listed with LAS/SPAN 478/678. Credit may only be earned in one of these courses. No credit if taken after LAS/SPAN 475/675 when offered as El Modernismo.*

A study of the late 19th century Latin American modernismo movement and its context. The course may focus on a major author, genre, or theme.

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/LAS 480/680. 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 WGSS/SPAN 482/682. 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 352 or SPAN 355 or SPAN 356 or SPAN 363 or SPAN 367 or SPAN 552 or SPAN 563 or SPAN 567 or LAS 352 or LAS 367 or LAS 552 or LAS 367 or LAS 552 or 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 and Inclusive Practices (SEIP)

SEIP 200 Introduction to Diverse Learners (3 crs)

Students will be introduced to the unique needs of diverse learners (4K-12) through the lens of Special Education. The identification and characteristics of multiple disability populations (learning, intellectual, emotional, physical, health, etc.) will be presented and discussed. Topics related to identification, services, disability/education law, research, current issues and trends, transition to post-school outcomes, family/parent roles, individual rights, cultural diversity and assistive technology will be addressed. This class meets the Liberal Education requirement of R3.

Attributes: LE-R3 Civic and Environmental Issues

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SEIP 208 School Experiences in Special & Inclusive Education (3 crs)

Prerequisite: B- in SEIP 200.

This course provides school-based experiences in both special education and regular elementary education environments. School-based experiences will be supported through seminar sessions on campus throughout the semester. 50+ hours of school-based lab are required. Students must provide their own transportation or develop a schedule that allows for the use of public transportation.

Grading Basis: A-F Grades Only

Seminar Hours: 1

Practicum Hours: 2

SEIP 219 Introduction to Developmental Disabilities and Autism Spectrum Disorders (3 crs)

Prerequisite: SEIP 200

This course is designed to introduce students to the field of low incidence/high support needs disabilities (which generally occur in less than 1% of the population). In this course students will learn about the history of low incidence disability, applicable laws, family and cultural implications, and a closer look into the behavior, curriculum, learning needs, assessment needs, and health concerns of these students. In this course university students will be presented with information on the causes and characteristics of Developmental Delays, Intellectual Disabilities, and Autism Spectrum Disorder; the impact of these on people's lives; historical views; and social, educational, and vocational considerations for people within these groups.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SEIP 306 Applied Behavior Analysis for Teachers (3 crs)

Prerequisite: SEIP 200, or SPED 300, or SPED 400 or consent of instructor.

Limited to teaching majors admitted to College of Education and Human Sciences.

This course will introduce the student to models, methods, and materials for managing the classroom behavioral problems of children with exceptional needs. The course will focus on the acquisition and development of skills which will permit teachers to: (a) manage behaviors that are counterproductive to learning in the classroom, (b) teach prosocial interpersonal behaviors that facilitate successful functioning in schools and society, and (c) structure the classroom environment so that both academic and social interpersonal behaviors produce appropriate consequences for children.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SEIP 331 Special Education Policies, Procedures, and Planning (3 crs)

Prerequisite: SEIP 200 or SPED 200. Limited to students admitted to the SEIP program.

This course is designed for students to begin the process of writing and reviewing IEPs for students in special education. Specific IEP forms will be used to demonstrate the procedures while discussing variations in the overall process. As students develop an IEP, the importance of measurable goals and appropriate accommodations/ modifications will be discussed. In addition, topics related to legal procedures, data collection, and collaboration will be addressed.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SEIP 340 Introduction to Mild Disabilities (3 crs)

Prerequisite: B- or above in SEIP 200; SPED 205 or SEIP 208; CSD Majors with Junior Status; or consent of Instructor

This course is a survey of the causes, characteristics, and challenges of children and adolescents with mild disabilities, including those with emotional behavioral disabilities and specific learning disabilities.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SEIP 400 Inclusive Practices for Elementary-Middle Educators (3 crs)

Prerequisite: Limited to elementary education majors and elementary-middle education majors admitted to College of Education and Human Sciences.

• *Admission to elementary education (Middle Childhood through Early Adolescence or MCEA) program, elementary-middle education majors, or consent of instructor.*

Designed to help elementary-middle level 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

SEIP 401 Assessment of Students with Disabilities (3 crs)

Prerequisite: SEIP 331/SEIP 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

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SEIP 402 Collaboration for Student Success (3 crs)

Prerequisite: SEIP 200 and SPED 331/SPED 531; and SPED 210 or UEC 220 or SPED 330/SPED 530 or SEIP 340/SEIP 540 or SPED 350/SPED 550. Limited to teaching majors admitted to College of Education and Human Sciences.

This course will provide students with the knowledge and skills related to collaboration skills with parents, teachers, agencies and other school personnel that impact students with disabilities. Parent and family relations, conflict resolution, co-teaching practices, Special Education law and ethical behavior will also be presented.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SEIP 404 Pre-Student Teaching Experience with Individuals with Disabilities (3 crs)

Prerequisite: SEIP 306/SEIP 506 and SEIP 331/SEIP 531. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SEIP 431/SEIP 631.

Students will observe, interact (with), and reflect, with regards to individuals with mild (and at-times moderate) disabilities. Students will also demonstrate effective teaching skills out in the field and will participate in teaching assignments relevant to their placements and as assigned in SPED/SEIP 431 (Academic Skills for Elementary/Early Middle School Students with Disabilities) or by course instructor(s).

Attributes: Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

SEIP 405 Instructional Internship in Special Education and Inclusive Practices (1-3 crs)

Prerequisite: 3.00 or higher GPA in SEIP, UEC, and UEM coursework. Limited to SEIP majors.

Consent: Department Consent Required

- *Student must have earned an A- or higher in the course in which they will serve as an instructional intern.*

Selected student develops professional knowledge and skills by engaging in professional reading and discussion during three seminar meetings, providing assistance to faculty member, enhancing classroom teaching and learning for enrolled students, locating and/or developing instructional resources, and other associated duties as assigned by faculty mentor. Plans for internship are based on a student-faculty contract. Three hours of participation per week per credit.

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: S/U Only Grade Basis

Lecture/Discussion Hours: 1-3

Lab/Studio Hours: 0

SEIP 418 Career Education and Transition (3 crs)

Prerequisite: UEM 438 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 439.

This course will introduce the basic concepts of career and vocational education. This course includes a clinical experience with adolescents with disabilities for approximately 50 hours.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1.5

Practicum Hours: 1.5

SEIP 419 Advanced Interventions in Developmental Disabilities and Autism Spectrum Disorders (3 crs)

Prerequisite: SEIP 219 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 Developmental Disabilities and Autism Spectrum Disorders.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SEIP 427 Early Intervention Service Delivery and Interprofessional Collaboration (2 crs)

Prerequisite: Admission to Special Education-Unified Special Education K-12 & Elementary/Middle. C or better in SEIP 200, or consent of instructor. Must be taken with SEIP 428 and SEIP 429 or with consent of the instructor.

- *Credit may not be earned in both SEIP 427 and SEIP 627.*

This course unpacks the foundations of early intervention in the United States and service delivery models with a focus on interprofessional collaboration. Topics include legal foundations, Child Find, Individualized Family Service Plans (ISFPs), Office of Special Education Programs (OSEP) accountability, and primary provider support model. Students will also learn roles and responsibilities of IFSP team members in service delivery and decision making.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

SEIP 428 Child and Family Assessment in Early Intervention (2 crs)

Prerequisite: Admission to Special Education-Unified Special Education K-12 and Elementary/Middle. C or better in SEIP 200 or consent of instructor. Must be taken with SEIP 427 and SEIP 429 or with consent of the instructor.

This course is designed to help students gain knowledge and understanding of the purposes of assessment in early intervention. Students will learn how to choose developmentally, linguistically, and culturally appropriate tools and methods that are responsive to the characteristics of the young child, family, and program. Students will analyze, interpret, document, and share assessment information using a strength-based approach with families and other professionals for eligibility determination, outcome/goal development, planning instruction and intervention, monitoring progress, and reporting.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

SEIP 429 Methods in the Natural Environment (2 crs)

Prerequisite: Admission to Special Education-Unified Special Education K-12 and Elementary/Middle. C or better in SEIP 200 or consent of instructor. Must be taken with SEIP 427 and SEIP 428 or with consent of the instructor.

This course is designed to help students plan and implement intentional, systematic, evidence-based, responsive interactions, interventions, and instruction to support learning and development of infants, toddlers, and preschoolers with special needs across all developmental domains in partnership with families and other professionals. Students will learn to facilitate equitable access and participation for all children and families within natural and inclusive environments through culturally responsive and affirming practices and relationships. Students will use data-based decision-making to plan for, adapt, and improve interactions, interventions, and instruction to ensure fidelity of implementation.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

SEIP 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 SEIP 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

SEIP 439 Secondary Methods (3 crs)

Prerequisite: Limited to teaching majors admitted to College of Education and Human Sciences.

This course provides students knowledge of secondary instructional methods used in reading, written language, and mathematics. The instructional methods can be effectively used with learners of all needs.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SEIP 458 Advanced Behavior Interventions and Assessment for Students with Emotional/Behavioral Disabilities (3 crs)

Prerequisite: SEIP 306/506; SEIP 401/601; admission into SEIP program or consent of instructor

The purpose of this course is to develop and implement intensive behavioral approaches based upon functional behavior assessment and other behavioral assessments. This course will assist the students in acquiring the knowledge and skills for the delivery of services to children and youth with emotional/behavior disabilities. Areas that will be addressed are functional behavior assessment, behavioral interventions, social skills curriculum methods and materials, instructional activities and strategies, classroom management techniques, and the educator's roles.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SEIP 470 Student Teaching in Special Education K-12 (5 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 10 credits

SEIP 472 Student Teaching in Special Education (3 crs)

Consent: Department Consent Required

• *Admission to professional semester.*

Student teaching in special education and inclusive practices for students seeking to extend a certification.

Repeat: Course may be repeated for a maximum of 6 credits

SEIP 475 Internship Teaching (5-10 crs)

Consent: Department Consent Required

• *Admission to the professional semester and departmental approval is required.*

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

SEIP 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 SEIP 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 and Inclusive Practices Department.*

This course provides a capstone experience in Special Education where graduating students organize and synthesize information from previous coursework within the context of intensive field experience. The seminar provides a forum for students to apply their knowledge and critical thinking skills, to make connections between their placements and current research, and formulate their role within the parameters of collaborative leadership.

Attributes: LE-I1 Integration, LE-S3 Creativity, Capstone Course

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

SEIP 506 Applied Behavior Analysis for Teachers (3 crs)

Prerequisite: SEIP 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.*

This course will introduce the student to models, methods, and materials for managing the classroom behavioral problems of children with exceptional needs. The course will focus on the acquisition and development of skills which will permit teachers to: (a) manage behaviors that are counterproductive to learning in the classroom, (b) teach prosocial interpersonal behaviors that facilitate successful functioning in schools and society, and (c) structure the classroom environment so that both academic and social interpersonal behaviors produce appropriate consequences for children.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SEIP 531 Special Education Policies, Procedures, and Planning (3 crs)

Prerequisite: SEIP 200 or SPED 200. Limited to students admitted to the SEIP program.

- *Cross-listed with SPED 331. Credit may not be earned in both courses.*

This course is designed for students to begin the process of writing and reviewing IEPs for students in special education. Specific IEP forms will be used to demonstrate the procedures while discussing variations in the overall process. As students develop an IEP, the importance of measurable goals and appropriate accommodations/modifications will be discussed. In addition, topics related to legal procedures, data collection, and collaboration will be addressed.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SEIP 540 Introduction to Mild Disabilities (3 crs)

Consent: Department Consent Required

- *Dual-listed with SEIP 340. Credit may not be earned in both courses.*

This course is a survey of the causes, characteristics, and challenges of children and adolescents with mild disabilities, including those with emotional behavioral disabilities and specific learning disabilities.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SEIP 600 Inclusive Practices for Elementary-Middle Educators (3 crs)

Prerequisite: Limited to elementary education (Middle Childhood through Early Adolescence or MCEA) program, elementary-middle 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. Cross-listed with SPED 400. Credit may not be earned in both courses.*

Designed to help elementary-middle level 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

SEIP 601 Assessment of Students with Disabilities (3 crs)

Prerequisite: SPED 331/SPED 531; or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.

- *Cross-listed with SEIP 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: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SEIP 602 Collaboration for Student Success (3 crs)

Prerequisite: SEIP 200 and SPED 331/SPED 531; and SPED 210 or UEC 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.*

This course will provide students with the knowledge and skills related to collaboration skills with parents, teachers, agencies and other school personnel that impact students with disabilities. Parent and family relations, conflict resolution, co-teaching practices, Special Education law and ethical behavior will also be presented.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SEIP 604 Pre-student Teaching Experience with Individuals with Disabilities (3 crs)

Prerequisite: SEIP 306/SEIP 506 and SEIP 331/SEIP 531. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SEIP 431/SEIP 631.

- *Cross-listed with SEIP 404. Credit may not be earned in both courses.*

Students will observe, interact (with), and reflect, with regards to individuals with mild (and at-times moderate) disabilities. Students will also demonstrate effective teaching skills out in the field and will participate in teaching assignments relevant to their placements and as assigned in SPED/SEIP 431 (Academic Skills for Elementary/Early Middle School Students with Disabilities) or by course instructor(s).

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

SEIP 618 Career Education and Transition (3 crs)

Prerequisite: UEM 438/638 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 439/639.

- *Cross-listed with SEIP 418. 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 50 hours.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 1.5

Practicum Hours: 1.5

SEIP 619 Advanced Interventions in Developmental Disabilities and Autism Spectrum Disorders (3 crs)

Prerequisite: SEIP 219 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 Developmental Disabilities and Autism Spectrum Disorders.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SEIP 627 Early Intervention Service Delivery and Interprofessional Collaboration (2 crs)

Prerequisite: Admission to Special Education-Unified Special Education K-12 and Elementary/Middle. C or better in SEIP 200 or consent of instructor. Must be taken with SEIP 628 and SEIP 629.

• *Cross-listed with SEIP 427. Credit may not be earned in both courses.*

This course unpacks the foundations of early intervention in the United States and service delivery models with a focus on interprofessional collaboration. Topics include legal foundations, Child Find, Individualized Family Service Plans (ISFPs), Office of Special Education Programs (OSEP) accountability, and primary provider support model. Students will also learn roles and responsibilities of IFSP team members in service delivery and decision making.

Attributes: Undergraduate/Graduate Offering

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

SEIP 628 Child and Family Assessment in Early Intervention (2 crs)

Prerequisite: Admission to Special Education-Unified Special Education K-12 and Elementary/Middle. C or better in SEIP 200 or consent of instructor. Must be taken with SEIP 627 and SEIP 629.

• *Cross-listed with SEIP 428. Credit may not be earned in both courses.*

This course is designed to help students gain knowledge and understanding of the purposes of assessment in early intervention. Students will learn how to choose developmentally, linguistically, and culturally appropriate tools and methods that are responsive to the characteristics of the young child, family, and program. Students will analyze, interpret, document, and share assessment information using a strength-based approach with families and other professionals for eligibility determination, outcome/goal development, planning instruction and intervention, monitoring progress, and reporting.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

SEIP 629 Methods in the Natural Environment (2 crs)

Prerequisite: Admission to Special Education-Unified Special Education K-12 and Elementary/Middle. C or better in SEIP 200 or consent of instructor. Must be taken with SEIP 627 and SEIP 628.

• *Cross-listed with SEIP 429. Credit may not be earned in both courses.*

This course is designed to help students plan and implement intentional, systematic, evidence-based, responsive interactions, interventions, and instruction to support learning and development of infants, toddlers, and preschoolers with special needs across all developmental domains in partnership with families and other professionals. Students will learn to facilitate equitable access and participation for all children and families within natural and inclusive environments through culturally responsive and affirming practices and relationships. Students will use data-based decision-making to plan for, adapt, and improve interactions, interventions, and instruction to ensure fidelity of implementation.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 2

Lab/Studio Hours: 0

SEIP 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 604.

• *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

SEIP 639 Secondary Methods (3 crs)

Consent: Instructor Consent Required

This course provides students knowledge of secondary instructional methods used in reading, written language, and mathematics. The instructional methods can be effectively used with learners of all needs.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SEIP 658 Advanced Behavior Interventions and Assessment for Students with Emotional/Behavioral Disabilities (3 crs)

Prerequisite: SEIP 306/506; SEIP 401/601; or consent of instructor

The purpose of this course is to develop and implement intensive behavioral approaches based upon functional behavior assessment and other behavioral assessments. This course will assist the students in acquiring the knowledge and skills for the delivery of services to children and youth with emotional/behavior disabilities. Areas that will be addressed are functional behavior assessment, behavioral interventions, social skills curriculum methods and materials, instructional activities and strategies, classroom management techniques, and the educator's roles.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

Special Education (SPED)

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 Intellectual Disabilities (3 crs)

Prerequisite: SEIP 200

This course studies the causes and characteristics of intellectual 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 or SEIP 200 and SPED 205 or SEIP 208. 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: .5

Lab/Studio Hours: 2.5

SPED 330 Introduction to Specific Learning Disabilities (3 crs)

Prerequisite: SEIP 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 or school psychology students may also enroll.

Survey course of causes, educational problems, and intervention programs associated with specific learning disabilities.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

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: SEIP 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 behavioral disabilities. 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 414 Special Vocational Support Strategies (3 crs)

Prerequisite: SEIP 418/SEIP 618. 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; SEIP 431/SEIP 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 intellectual 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 SEIP 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 SEIP or 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 432 Language Development and Intervention for Students with Disabilities (3 crs)

Prerequisite: SEIP 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 SEIP 418.

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 SEIP 401/SEIP 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 SEIP 401/SEIP 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 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 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 3 credits

SPED 477 Reading Assessment and Intervention in Practicum (1 cr)

Prerequisite: SEIP 476

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

Field Practicum Hours: 1

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 and Inclusive Practices 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 or SEIP 200 and SPED 205 or SEIP 208. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 501.

- 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: .5

Lab/Studio Hours: 2.5

SPED 530 Introduction to Specific Learning Disabilities (3 crs)

Prerequisite: SEIP 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) or 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 specific learning disabilities.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

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 behavioral disabilities. 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 614 Special Vocational Support Strategies (3 crs)

Prerequisite: SEIP 418/SEIP 618. 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 SEIP 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 intellectual 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 SEIP 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 SEIP or 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 632 Language Development and Intervention for Students with Disabilities (3 crs)

Prerequisite: SEIP 401/SEIP 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 SEIP 418/SEIP 618.

- 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 SEIP 401/SEIP 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, SEIP 401/SEIP 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 and Inclusive Practices 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: SEIP 401/SEIP 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 Mgmt Methods and Curriculum EBD (3 crs)

Prerequisite: SPED 306/SPED 506, SPED 350/SPED 550, SEIP 401/SEIP 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: SEIP 401/SEIP 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)

Prerequisite: SPED 786

Consent: Department Consent Required

- *Accepted into the Director of Special Education & Pupil Services Program or consent of DSEPS program required.*

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 Systemic Leadership & Ethics (3 crs)

Consent: Department Consent Required

- *Accepted into the Director of Special Education & Pupil Services Program or consent of DSEPS program 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 Leadership in Special Education and Pupil Services (3 crs)

Prerequisite: SPED 782, 786

Consent: Department Consent Required

- *Accepted into the Director of Special Education and Pupil Services Program or consent of the DSEPS program.*

This course addresses the leadership, administration, and staffing of PK-12 special education and pupil services programs. Operational responsibilities, advocacy, due process, collaboration, and special education instructional leadership/related and pupil services provision will be analyzed.

Grading Basis: No S/U Grade Option

Lecture Hours: 3

Lab/Studio Hours: 0

SPED 788 Special Education and Pupil Services Budget & Finance (3 crs)

Prerequisite: SPED 782, SPED 786, SPED 787

Consent: Department Consent Required

- *Accepted into the Director of Special Education & Pupil Services Program or consent of DSEPS program required.*

This course provides introductory exposure, understanding, principles, and practices to budget financing applications in special education and pupil services.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

SPED 789 Practicum: Leadership in Special Ed & Pupil Services (3 crs)

Prerequisite: SPED 782, 786, 787, 788

Consent: Department Consent Required

- *Accepted into the Director of Special Education & Pupil Services Program or consent of DSEPS program required.*

Mentored field-based course (150 hours) designed to evaluate/analyze the school-based application of Special Education Director and/or Director of Pupil Services. Successful completion leads to recommendation for DPI 80 Licensure.

Grading Basis: No S/U Grade Option

Lab/Studio Hours: 0

Practicum Hours: 3

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 and Inclusive Practices 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, LE-K4 Fine Arts, LE-S3 Creativity
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: 3
Lab/Studio Hours: 0

THEA 124 Costume Technology (3 crs)

A lecture/laboratory course in costume construction and sewing for the stage. Principles of patterning, fabric dying, shop safety, and costume crafts addressed.

Attributes: GE IVA Humanities-Fine Arts, LE-S3 Creativity
Lecture/Discussion Hours: 2
Lab/Studio Hours: 2

THEA 130 Acting I (3 crs)

Theory and practical applications of basic acting skills through exercises, improvisation and scripted scenes.

Attributes: GE IV Humanities, LE-S3 Creativity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

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
Lab/Studio Hours: 0
Practicum Hours: 3

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
Lab/Studio Hours: 0
Practicum Hours: 3

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
Lab/Studio Hours: 0
Practicum Hours: 3

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 4 credits
Lecture/Discussion Hours: 0
Lab/Studio Hours: 8

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 4 credits
Lecture/Discussion Hours: 0
Lab/Studio Hours: 8

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 4 credits
Lecture/Discussion Hours: 0
Lab/Studio Hours: 8

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 4 credits
Lecture/Discussion Hours: 0
Lab/Studio Hours: 8

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 4 credits

Lecture/Discussion Hours: 0

Lab/Studio Hours: 8

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 4 credits

Lecture/Discussion Hours: 0

Lab/Studio Hours: 8

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 4 credits

Lecture/Discussion Hours: 0

Lab/Studio Hours: 8

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 4 credits

Lecture/Discussion Hours: 0

Lab/Studio Hours: 8

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 4 credits

Lecture/Discussion Hours: 0

Lab/Studio Hours: 8

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 4 credits

Lecture/Discussion Hours: 0

Lab/Studio Hours: 8

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 223 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: 2

Lab/Studio Hours: 2

THEA 231 Acting II (3 crs)

Prerequisite: THEA 130

A course in textual examination for performance, focusing on formalist and action analysis.

Attributes: LE-K4 Fine Arts, LE-S3 Creativity

Grading Basis: A-F Grades Only

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: 2

Lab/Studio Hours: 2

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 300 Leadership in the Arts (3 crs)

Students learn about the principles of leadership in the arts and apply them to real-world contexts. Students learn about strategic and organizational planning, as well as leadership and management styles, while simultaneously working on actual arts administration projects in partnership with university and community arts organizations.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

THEA 302 Theatre History I (3 crs)

Prerequisite: Minimum sophomore standing

A survey of theatre history through the lens of dramatic literature, Classical Greece to 1875.

Attributes: LE-K4 Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

THEA 303 Theatre History II (3 crs)

Prerequisite: Minimum sophomore standing

A survey of theatre history through the lens of dramatic literature, 1875 to the present.

Attributes: LE-K4 Fine Arts, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

THEA 314 Feminist Theatre (3 crs)

• *Credit may not be earned in both THEA 314 and WGSS 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 318 Contemporary Drama (3 crs)

Prerequisite: Minimum of sophomore standing.

An intensive study of Western dramatic literature of the 20th and 21st centuries with emphasis on the social, artistic/literary, and historical contexts of each play.

Attributes: LE-K4 Fine Arts, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

THEA 320 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, LE-K4 Fine Arts, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

THEA 321 Scenic Design (3 crs)

Prerequisite: THEA 121 and THEA 221 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 323 Historical Stage Design (3 crs)

This course examines the history of theatrical stage design through the lens of developments in interiors, furniture, art, and architecture from Ancient Egypt to the present.

Attributes: LE-I1 Integration, LE-K4 Fine Arts

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

THEA 324 Costume Design (3 crs)

Prerequisite: THEA 121 and THEA 221

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 327 Lighting Design (3 crs)

Prerequisite: THEA 121 and THEA 221 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 Acting III (3 crs)

Prerequisite: THEA 130, THEA 231

An advanced scene study course focusing on character development, textual analysis, and dramatic conflict in Realism.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

THEA 331 Styles in Acting (3 crs)

Prerequisite: THEA 130, THEA 231

A study of acting styles. Emphasis placed on vocal and physical approaches to the following period styles: Greek, Elizabethan, Restoration, Commedia Dell'Arte, and Absurdism.

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

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: 2

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 344 Survey of Historical Costumes (3 crs)

Historic survey of the development of clothing and theatrical costumes from ancient Egyptians to the present day.

Attributes: LE-K4 Fine Arts

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

Lab/Studio Hours: 0

Practicum Hours: 3

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

Lab/Studio Hours: 0

Practicum Hours: 3

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

Lab/Studio Hours: 0

Practicum Hours: 3

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 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.*

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

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 4 credits

Lecture/Discussion Hours: 0

Lab/Studio Hours: 8

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 4 credits

Lecture/Discussion Hours: 0

Lab/Studio Hours: 8

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 4 credits

Lecture/Discussion Hours: 0

Lab/Studio Hours: 8

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 4 credits

Lecture/Discussion Hours: 0

Lab/Studio Hours: 8

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 4 credits

Lecture/Discussion Hours: 0

Lab/Studio Hours: 8

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 4 credits

Lecture/Discussion Hours: 0

Lab/Studio Hours: 8

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 4 credits

Lecture/Discussion Hours: 0

Lab/Studio Hours: 8

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 4 credits

Lecture/Discussion Hours: 0

Lab/Studio Hours: 8

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 4 credits

Lecture/Discussion Hours: 0

Lab/Studio Hours: 8

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 4 credits

Lecture/Discussion Hours: 0

Lab/Studio Hours: 8

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: Junior standing or above.

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: 0

Lab/Studio Hours: 6

THEA 422 Play Production: Technical (3 crs)

Prerequisite: THEA 121 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 9 credits

Lecture/Discussion Hours: 2

Lab/Studio Hours: 2

THEA 432 Advanced Directing (3 crs)

Prerequisite: THEA 332

Advanced-level study of directing and the director's role in the production process. Culminates in the production of short plays for the main stage season.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

THEA 434 Theatre Arts Management (3 crs)

Prerequisite: 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 (1-3 crs)

Prerequisite: Limited to theatre arts majors and minors and students enrolled in the Arts Administration Certificate and the Recording Arts Certificate programs.

Consent: Instructor Consent Required

Practical experience in a professional or community-based theatrical, cultural, or educational organization or business. Students will extend knowledge and skills gained in prior courses.

Attributes: LE-I1 Integration, 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 632 Advanced Directing (3 crs)

• Cross-listed with THEA 432. Credit may not be earned in both courses.

Advanced-level study of directing and the director's role in the production process. Culminates in the production of short plays for the main stage season.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 0

Lab/Studio Hours: 6

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 (1-3 crs)

Consent: Instructor Consent Required

• Cross-listed with THEA 498.

Practical experience in a professional or community-based theatrical, cultural, or educational organization or business. Students will extend knowledge and skills gained in prior courses.

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: SEIP 200

Introduction to history, philosophy, and legal foundation of ECE and early childhood special education and blended/inclusive early childhood education practices.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

UEC 221 Leadership & Mentoring in Early Childhood 1 (1 cr)

Consent: Instructor Consent Required

Academic component for ECLIPSE, work-study, community service learning and child development grant. Participation in supervised field experiences (90 hours) serving children from high-risk populations. Focus is Early Childhood literacy and community resources.

Attributes: LE-I1 Integration, LE-R3 Civic and Environmental Issues, Service-Learning, Full 30 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

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 Play and Sensory Pedagogy (3 crs)

Prerequisite: Grade of B- or above in UEC 220 (formerly SPED 220). Limited to Special Education, Unified Early Childhood and Unified Special Education and Elementary Middle majors, admitted to College of Education and Human Sciences.

This course emphasizes play pedagogy and the importance of connecting the various components of play into teaching and learning in intentional/effective ways for all children to succeed and engage in/with their learning. Components of sensory processing for individuals and as part of classroom/environment design are investigated as well as the Universal Design for Learning (UDL) framework. These concepts are applied within teaching, the learning environment, and with other educational stakeholders. Topics include advocacy, creativity, risk-taking, culture, language, social engagement opportunities, behavior, observation, data collection, and child development within the context of play. Play theory and sensory integration are examined to expertly embed IEP/IFSP goals into the routines, environments, learning opportunities, and social interactions provided to children with disabilities.

Attributes: Undergraduate/Graduate Offering, Special Course Fee Required

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 (2 crs)

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.

• *Students are expected to spend a minimum of 4 hours per week in a pre-primary classroom.*

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: 1

Lab/Studio Hours: 2

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 (5 crs)

Prerequisite: Admission to professional semester and department approval. Minimum GPA of 2.75 in major and minimum total overall GPA of 2.75.

Consent: Department Consent Required

Student teaching in an early childhood education setting all day for nine weeks.

There are two placements completed as part of the UEC student teaching semester.

Repeat: Course may be repeated for a maximum of 10 credits

Grading Basis: A-F Grades Only

Lab/Studio Hours: 0

Practicum Hours: 5

UEC 472 Student Teaching in Early Childhood (3 crs)

Prerequisite: SPED 423, SPED 431; UEC 220, UEC 321, UEC 322, UEM 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.

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

Lab/Studio Hours: 0

Practicum Hours: 3

UEC 475 Internship Teaching in Early Childhood (7-14 crs)

Prerequisite: SPED 423, SPED 431; UEC 220, UEC 321, UEC 322, UEM 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 UEM 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 Play and Sensory Pedagogy (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 play pedagogy and the importance of connecting the various components of play into teaching and learning in intentional/ effective ways for all children to succeed and engage in/with their learning. Components of sensory processing for individuals and as part of classroom/ environment design are investigated as well as the Universal Design for Learning (UDL) framework. These concepts are applied within teaching, the learning environment, and with other educational stakeholders. Topics include advocacy, creativity, risk-taking, culture, language, social engagement opportunities, behavior, observation, data collection, and child development within the context of play. Play theory and sensory integration are examined to expertly embed IEP/IFSP goals into the routines, environments, learning opportunities, and social interactions provided to children with disabilities.

Attributes: Special Course Fee Required

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 (2 crs)

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: A-F Grades Only

Lecture/Discussion Hours: 1

Lab/Studio Hours: 2

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 UEM 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

Unified Elementary/Middle (UEM)

UEM 301 Inclusive Early Literacy & Reading (3 crs)

Prerequisite: Limited to teaching majors admitted into the Special Education & Inclusive Practices Programs.

Pre-service teachers learn to teach reading and writing acquisition skills for students in PreK through beginning reading levels. Reading skills learned include research and evidence-based practices for providing instruction in the five pillars of reading (i.e., phonemic awareness, phonics, vocabulary, comprehension, fluency). Writing skills learned include research and evidence-based practices for providing instruction from pre-writing skills (e.g., development of writing, copying shapes and letters) through paragraph writing.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

UEM 324 Language and Cultural Diversity (3 crs)

Prerequisite: Grade of B- or above in SEIP 208. Limited to SEIP, Unified Early Childhood, Unified Special Education K-12 and Elementary/Middle School majors admitted to the College of Education and Human Sciences.

This course explores language/cultural diversity in the PK-9th grade classrooms. Topics include literacy, social and instructional language development, anti-bias education, advocacy, self-reflection, and the intentional diversification of classroom materials, environments, and topics. Strategies for collaboratively and intentionally involving families/caregivers in the literacy process while supporting their language and culture in the classroom are also discussed.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

UEM 407 Inclusive Education Practicum (1 cr)

Prerequisite: Minimum grade B- in SPED/SEIP 404; SPED/SEIP 431; and UEM 301 OR ES 301 or 305. Co-requisite UEC 425. Admission to the Unified Early Childhood or Unified Special Education K-12 Elementary/Middle program.

This course serves as the seminar for the intensive and inclusive grade-level field placement in grades 5k-8. The placement occurs under the supervision of a cooperating teacher, coupled with UEC or UEM Core classes. Includes 100 hours of pre-student teaching.

Attributes: LE-11 Integration, LE-S3 Creativity, Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 0

Lab/Studio Hours: 1

UEM 433 Inclusive Literacy Methods in Grades 4-9 (3 crs)

Prerequisite: SEIP 331, 431, UEM 301 or consent of instructor. Limited to teaching majors admitted to the SEIP Department. Must be taken with UEM 407

This course examines research-based techniques to effectively teach reading, writing, content area reading and writing, and other literacies in diverse middle grade classrooms. The course promotes the use of UDL and other inclusive practices to ensure access to the curriculum for diverse learners.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

UEM 436 Inclusive Math Content, Instruction, and Interventions Grades 4-9 (3 crs)

Prerequisite: Limited to teaching majors admitted to the College of Education and Human Sciences.

This mathematics course includes instructional techniques, interventions, and assessment effective for teaching diverse learners from intermediate elementary through secondary grades (Grades 4-9). Student will apply knowledge of major concepts, algorithms, and procedures in varied educative contexts.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

UEM 438 Inclusive Science and Social Studies Methods Grades 4-9 (3 crs)

Prerequisite: SEIP 331/SPED 331 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with UEM 407.

Pre-service teachers learn inclusive practices and methods for teaching science and social studies to support students in grades 4-9 in accessing and learning content. This course will focus in on reaching all students through planning with the Universal Design for Learning framework, incorporating scientific methods (e.g., inquiry), and the five themes of social studies.

Attributes: Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

UEM 470 Student Teaching in Inclusive Education K-9 (5 crs)

Prerequisite: Admission to professional semester and department approval
Student teaching in grade-level inclusive education class, all day for one-half semester or half days for one semester. Grades 4K-9th.

Repeat: Course may be repeated for a maximum of 10 credits

Grading Basis: A-F Grades Only

UEM 501 Inclusive Early Literacy & Reading (3 crs)

Consent: Department Consent Required

- *Consent of Department of Special Education and Inclusive Practices*

Pre-service teachers learn to teach reading and writing acquisition skills for students in PreK through beginning reading levels. Reading skills learned include research and evidence-based practices for providing instruction in the five pillars of reading (i.e., phonemic awareness, phonics, vocabulary, comprehension, fluency). Writing skills learned include research and evidence-based practices for providing instruction from pre-writing skills (e.g., development of writing, copying shapes and letters) through paragraph writing.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

UEM 524 Language and Cultural Diversity (3 crs)

Prerequisite: Grade of B- or above in SEIP 208/SPED 205. Limited to SEIP, Unified Early Childhood, Unified Special Education K-12 and Elementary/Middle School majors admitted to the College of Education and Human Sciences.

- *Cross-listed with UEC 324. Credit may not be earned in both courses.*

This course explores language/cultural diversity in the PK-9th grade classrooms. Topics include literacy, social and instructional language development, anti-bias education, advocacy, self-reflection, and the intentional diversification of classroom materials, environments, and topics. Strategies for collaboratively and intentionally involving families/caregivers in the literacy process while supporting their language and culture in the classroom are also discussed.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

UEM 607 Inclusive Education Practicum (1 cr)

Prerequisite: Minimum grade B- in SPED/SEIP 604; SPED/SEIP 631; and UEM 501 OR ES 501. Co-requisite UEC 625. Admission to the Unified Early Childhood or Unified Special Education K-12 Elementary/Middle program

- *Cross-listed with UEM 407.*

Seminar/This course serves as the seminar for the intensive and inclusive grade-level field placement in grades 5k-8. The placement occurs under the supervision of a cooperating teacher, coupled with UEC or UEM Core classes. Includes 100 hours of pre-student teaching.

Grading Basis: No S/U Grade Option

Lab/Studio Hours: 0

Practicum Hours: 3

UEM 633 Inclusive Literacy Methods in Grades 4-9 (3 crs)

Prerequisite: SEIP 531, 631, UEM 501 or consent of instructor. Must be taken with UEM 607

This course examines research-based techniques to effectively teach reading, writing, content area reading and writing, and other literacies in diverse middle grade classrooms. The course promotes the use of UDL and other inclusive practices to ensure access to the curriculum for diverse learners.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

UEM 636 Inclusive Math Content, Instruction, and Interventions Grades 4-9 (3 crs)

Consent: Instructor Consent Required

- *Consent of instructor.*

This mathematics course includes instructional techniques, interventions, and assessment effective for teaching diverse learners from intermediate elementary through secondary grades (Grades 4-9). Students will apply knowledge of major concepts, algorithms, procedures in varied educative contexts.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

UEM 638 Inclusive Science and Social Studies Methods Grades 4-9 (3 crs)

Prerequisite: SEIP 331/SPED 331 or SEIP 531/SPED 531 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with UEM 407/607.

- *Cross-listed with UEM 438. Credit may not be earned in both courses.*

Pre-service teachers learn inclusive practices and methods for teaching science and social studies to support students in grades 4-9 in accessing and learning content. This course will focus in on reaching all students through planning with the Universal Design for Learning framework, incorporating scientific methods (e.g., inquiry), and the five themes of social studies.

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

Women's, Gender, and Sexuality Studies (WGSS)

WGSS 100 Introduction to Women's, Gender, and Sexuality Studies (3 crs)

Prerequisite: No credit after WGSS 301

This course examines how feminist scholarship offers critical tools for understanding how lived experiences of gender, race, class, sex, and sexuality intersect with colonial, capitalist, and other systems of power.

Attributes: Cultural Diversity 1 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

WGSS 111 Gender, Race, Class, and Communication: The Social Construction of Identity (3 crs)

• Credit may not be earned in both CJ 111 and WGSS 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

WGSS 202 Sociology of Gender (3 crs)

• Credit may not be earned in both SOC 202 and WGSS 202.

Explores sexism and cisgender privilege in social institutions in the U.S. and globally using a social constructionist and intersectional approach.

Attributes: GE IIIF Social Science-Sociology, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WGSS 203 Women and World Religions (3 crs)

• Credit may not be earned in both RELS 203 and WGSS 203. No credit if taken after ANTH 354 or RELS 354.

Survey of women's religious lives. Impact of patriarchy is examined and compared to matrilineal societies. Feminist reading of religious texts is explored.

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

WGSS 205 American Women's History (3 crs)

• Credit may not be earned in both HIST 205 and WGSS 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

WGSS 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

WGSS 210 Contemporary Feminisms (3 crs)

Examines the literature, culture, and issues of contemporary feminisms by analyzing representative texts on activism, and the intersection of gender, sexuality, racism, classism within the context and influences of previous movements.

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

WGSS 215 African-American Feminism in the Humanities (3 crs)

Materials from several academic disciplines (women's, gender, and sexuality 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

WGSS 222 Women's, Gender, and Sexuality Studies Introductory Travel Seminar (1-3 crs)

Prerequisite: One WGSS course or its equivalent as approved by the instructor.

Consent: Instructor Consent Required

Introductory study of topics and issues in women's, gender, and sexuality 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

WGSS 224 Music and Gender (3 crs)

- Credit may not be earned in both MUSI 224 (formerly MUSI 306) and WGSS 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

WGSS 250 Feminist Research Methodologies (3 crs)

Prerequisite: WGSS 100 or WGSS 301; 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

WGSS 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, gender, and sexuality 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

WGSS 265 Women's Health Issues (3 crs)

- Credit may not be earned in both NRS 265 and WGSS 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

WGSS 296 Perspectives on Women's Literature (3 crs)

- Credit may not be earned in both ENGL 296 and WGSS 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

WGSS 297 Student Academic Experience (1-3 crs)

Consent: Department Consent Required

- A grade of B or above in the course in which the student will be assisting.

Practicum Hours: Variable Qualified students, selected and closely supervised by faculty members, facilitate teaching and learning in a specific Women's, Gender, and Sexuality Studies or cross-listed course.

Repeat: Course may be repeated for a maximum of 3 credits

Grading Basis: A-F Grades Only

Lab/Studio Hours: 0

WGSS 300 Introduction to Feminist Theories (3 crs)

Prerequisite: WGSS 100 or WGSS 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 IIIG Social Science-Interdisciplinary Study

Grading Basis: No S/U Grade Option

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WGSS 306 Transgender Activism and Cultural Production (3 crs)

Prerequisite: WGSS 100 or WGSS 206

- No credit if taken after WGSS 308 when offered as Transgender Activism and Cultural Production.

This course explores how transgender activism, by addressing various social justice issues (e.g., gender-based violence, access to health care, misogyny, equity in employment), enriches and complicates transgender cultural production in the entertainment industry, performance and visual arts, sports, queer nightlife, and social media, among other spheres.

Attributes: LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity

Lab/Studio Hours: 0

Seminar Hours: 3

WGSS 308 Topics in LGBTQ Studies (3 crs)

Prerequisite: WGSS 206 or WGSS 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

WGSS 310 Gender and Violence (3 crs)

Prerequisite: No credit if taken after WMNS 480, Women and Violence.

Analysis of the gendered nature of violence, intersectional systems of privilege and oppression, interpersonal and social/systemic structures.

Attributes: GE IIIG Social Science-Interdisciplinary Study, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WGSS 313 Gender, Sex, and Science in European History (3 crs)

Prerequisite: Six credits of history and/or women's, gender, and sexuality studies, or junior standing, or consent of the instructor.

• *Credit may not be earned in both HIST 313 and WGSS 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

WGSS 314 Feminist Theatre (3 crs)

• *Credit may not be earned in both THEA 314 and WGSS 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

WGSS 315 Women of Color Feminisms (3 crs)

Prerequisite: WGSS 100 or WGSS 301, or consent of instructor.

Examines the historical, systemic, and interlocking politics of gender, race, sexuality, class, and nation in the lives of U.S. Women of Color. Interdisciplinary writings are assigned, presenting Women of Color feminisms as a field, a framework, and a method.

Attributes: Cultural Diversity 3 cr., 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

WGSS 317 Diversity & Communication: Organizational & Media Contexts (3 crs)

Prerequisite: Minimum sophomore standing.

• *Credit may not be earned in both CJ 317 and WGSS 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

WGSS 332 Women in African Literature (3 crs)

• *Credit may not be earned in both ENGL 332 and WGSS 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

WGSS 335 Transnational Feminism (3 crs)

Prerequisite: WGSS 100 or consent of instructor.

Transnational feminism offers critical tools for analyzing systems of oppression and the exercise of power in a globalizing world.

Attributes: Foreign Culture, GE IIIG Social Science-Interdisciplinary Study, LE-R1 Equity, Diversity, and Inclusivity, LE-R2 Global Perspectives, Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lab/Studio Hours: 0

Seminar Hours: 3

WGSS 336 Psychology of Women (3 crs)

Prerequisite: PSYC 100 and minimum sophomore standing.

• *Credit may not be earned in both PSYC 336 and WGSS 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, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WGSS 337 Women and the Labor Market (3 crs)

• Credit may not be earned in both ECON 337 and WGSS 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

WGSS 344 Women, Work and Family (3 crs)

Prerequisite: Minimum sophomore standing.

• No credit if taken after WGSS 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

WGSS 345 Black Feminist and Black Queer Studies (3 crs)

• No credit if taken after WGSS 215 when offered as Black Feminist and Black Queer Studies.

This course will introduce students to interdisciplinary research in the academic fields of Black Feminist Studies and Black Queer Studies that critically examines the social justice activism, public intellectualism, and cultural productions of Black women and Black LGBTQ+ people in the United States.

Attributes: LE-DDIV Design for Diversity, LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 348 Black Psychology (3 crs)

Prerequisite: PSYC 100

• Credit may not be earned in both WGSS/PSYC 348. No credit if taken after PSYC 491 when offered as Black Psychology.

An in-depth study of theories and research concerning the Black lived experience in modern American society from a culturally relevant and appropriate perspective. A range of topics that pertain to the psychological experiences of African Americans such as racism and discrimination, achievement and schooling, kinship and family, racial identity, religion and spirituality, and African American mental health will be discussed.

Attributes: Cultural Diversity 3 cr., GE III Social Science, LE-DDIV Design for Diversity, LE-K2 Social Sciences, LE-R1 Equity, Diversity, and Inclusivity, Undergraduate/Graduate Offering
Grading Basis: A-F Grades Only
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 351 Women and Politics (3 crs)

• Credit may not be earned in both POLS 351 and WGSS 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

WGSS 352 Gender and Politics in Global Perspective (3 crs)

• Credit may not be earned in both POLS 352 and WGSS 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

WGSS 357 Women and Economic Development (3 crs)

• Credit may not be earned in both ECON 357 and WGSS 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

WGSS 365 Intersectionality: Critical Approaches to Identity and Injustice (3 crs)

Prerequisite: HMNG 130 or WGSS 100.

• Credit may not be earned in both HMNG/WGSS 365. No credit if taken after WGSS 434 when offered as "Intersectionality: Critical Approaches to Identity and Injustice."

Uses an interdisciplinary humanities approach to critically examine the concept of intersectionality and its applications and implications on identities, historical and contemporary injustice, and social issues.

Attributes: LE-K3 Humanities, LE-R1 Equity, Diversity, and Inclusivity
Lecture/Discussion Hours: 3
Lab/Studio Hours: 0

WGSS 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 WGSS 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

WGSS 375 Ecofeminism and Environmental Justice (3 crs)

- *No credit if taken after WGSS 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, LE-I1 Integration, LE-R1 Equity, Diversity, and Inclusivity, Field Trip(s) Required

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WGSS 377 Philosophy and Feminism (3 crs)

Prerequisite: One course in philosophy or women's, gender, and sexuality studies.

- *Credit may not be earned in both PHIL 377 and WGSS 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

WGSS 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 WGSS 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

WGSS 380 Women and Artifacts (3 crs)

Prerequisite: One course in Women's, Gender, and Sexuality Studies, or junior standing, or consent of instructor.

- *No credit if taken after WGSS 434 when offered as a 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

WGSS 391 Special Topics (3 crs)

Prerequisite: WGSS 100 or consent of instructor.

This course provides students with an opportunity to investigate a specific topic in Women's, Gender, and Sexuality Studies. Topics studied vary from semester to semester.

Repeat: Course may be repeated for a maximum of 6 credits

Lecture Hours: 3

Lab/Studio Hours: 0

WGSS 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

WGSS 395 Directed Studies (1-3 crs)

Prerequisite: Minimum junior standing.

Consent: Department Consent Required

Study of a women's, gender, and sexuality studies problem or topic approved by supervising instructor and women's, gender, and sexuality studies director. May 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, Gender, and Sexuality Studies coursework.

Attributes: Undergraduate/Graduate Offering

Repeat: Course may be repeated

WGSS 396 Studies in Women's Literature (3 crs)

- *Credit may not be earned in both ENGL 396 and WGSS 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

WGSS 397 Student Academic Apprenticeship in Women's, Gender, and Sexuality Studies (1-3 crs)

Prerequisite: WGSS 100 or WGSS 301. Limited to Women's, Gender, and Sexuality Studies majors and minors. Minimum GPA of 3.5 in WGSS courses.

Consent: Department Consent Required

Qualified students, selected and closely supervised by faculty members, facilitate teaching and learning in a specific Women's, Gender, and Sexuality Studies or cross-listed course.

Attributes: Internship

Repeat: Course may be repeated for a maximum of 3 credits

Grading Basis: A-F Grades Only

WGSS 406 Queer Theories and Sexual Politics (3 crs)

Prerequisite: WGSS 200 or WGSS 206 or 3 credits from WGSS 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

WGSS 419 Gender and Power (3 crs)

Prerequisite: SOC 101 or WGSS 100

- *Credit may not be earned in both SOC 419 and WGSS 419.*

Sociological analysis of gender oppression and cisgender privilege in interactions, organizations, and institutions. Examines national and global gender inequities.

Attributes: Cultural Diversity 1 cr.

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WGSS 422 Women's, Gender, and Sexuality Studies Advanced Travel Seminar (1-6 crs)

Prerequisite: One WGSS course and minimum junior standing.

Consent: Instructor Consent Required

In-depth study of topics and issues in women's, gender, and sexuality 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

WGSS 426 Sociology of Sexualities (3 crs)

Prerequisite: SOC 101

- *Credit may not be earned in both SOC 426 and WGSS 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

WGSS 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 WGSS 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

WGSS 490 Feminist Analysis and Practices: Interdisciplinary Themes (3 crs)

Prerequisite: WGSS 100 or WGSS 301, and WGSS 200, and WGSS 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., Undergraduate/Graduate Offering

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WGSS 496 Capstone: Social Justice Practicum (3 crs)

Prerequisite: WGSS 100 or WGSS 301, WGSS 300. Limited to women's, gender, and sexuality studies majors, minors, and certificate students.

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: LE-I1 Integration, LE-S3 Creativity, Service-Learning, Full 30 Hours, Undergraduate/Graduate Offering, Capstone Course, Field Trip(s) Required

Grading Basis: No S/U Grade Option

Seminar Hours: 3

WGSS 498 Women's, Gender, and Sexuality Studies Internship (1-3 crs)

Prerequisite: At least 6 credits in WGSS-only prefix courses. Limited to Women's, Gender, and Sexuality Studies majors, minors and certificate students, and LGBTQ certificate students. Minimum junior standing.

Consent: Department Consent Required

Supervised application and examination of Women's, Gender, and Sexuality Studies theory in a professional setting related to the student's area of interest.

Attributes: Service-Learning Variable, Undergraduate/Graduate Offering, Internship

Repeat: Course may be repeated for a maximum of 6 credits

WGSS 508 Topics in LGBTQ Studies (3 crs)

Prerequisite: WGSS 206 or WGSS 406 or consent of instructor.

• *Cross-listed with WGSS 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

WGSS 513 Gender, Sex, and Science in European History (3 crs)

• *Cross-listed with WGSS/HIST 313/513. 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

WGSS 535 Transnational Feminism (3 crs)

Prerequisite: WGSS 100 or consent of instructor.

• *Cross-listed with WGSS 335. Credit may not be earned in both courses.*

Transnational feminism offers critical tools for analyzing systems of oppression and the exercise of power in a globalizing world.

Grading Basis: No S/U Grade Option

Lab/Studio Hours: 0

Seminar Hours: 3

WGSS 536 Psychology of Women (3 crs)

• *Cross-listed with PSYC/WGSS 336/536. 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

WGSS 544 Women, Work and Family (3 crs)

• *Cross-listed with WGSS 344. Credit may not be earned in both courses. No credit if taken after WGSS 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

WGSS 548 Black Psychology (3 crs)

Prerequisite: PSYC 100

• *Cross-listed with WGSS/PSYC 348/548. Credit may only be earned in one of these courses. No credit if taken after PSYC 491 when offered as Black Psychology.*

An in-depth study of theories and research concerning the Black lived experience in modern American society from a culturally relevant and appropriate perspective. A range of topics that pertain to the psychological experiences of African Americans such as racism and discrimination, achievement and schooling, kinship and family, racial identity, religion and spirituality, and African American mental health will be discussed.

Attributes: Undergraduate/Graduate Offering

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WGSS 551 Women and Politics (3 crs)

• *Cross-listed with WGSS/POLS 351/551. 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

WGSS 557 Women and Economic Development (3 crs)

Consent: Department Consent Required

• *Cross-listed with WGSS/ECON 357/557. 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

WGSS 573 American Women's History to 1870 (3 crs)

- Cross-listed with WGSS/HIST 373/573. 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

WGSS 578 American Women's History Since 1870 (3 crs)

- Cross-listed with WGSS/HIST 378/578. 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

WGSS 594 Studies in the History of Women (1-3 crs)

- Cross-listed with WGSS/HIST 394/594.

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

WGSS 595 Directed Studies (1-3 crs)

Consent: Department Consent Required

- Cross-listed with WGSS 395.

Study of a women's, gender, and sexuality studies problem or topic approved by supervising instructor and women's, gender, and sexuality studies director. May 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, Gender, and Sexuality Studies coursework.

Repeat: Course may be repeated

Grading Basis: No S/U Grade Option

WGSS 606 Queer Theories and Sexual Politics (3 crs)

Prerequisite: WGSS 200 or WGSS 206 or three credits from WGSS or consent of instructor.

- Cross-listed with WGSS 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

WGSS 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 WGSS/SPAN 482/682. 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

WGSS 690 Feminist Analysis and Practices: Interdisciplinary Themes (3 crs)

Prerequisite: WGSS 100 or WGSS 301, and WGSS 200, and WGSS 250; or consent of instructor

Consent: Instructor Consent Required

- Cross-listed with WGSS 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

WGSS 696 Capstone: Social Justice Practicum (3 crs)

Prerequisite: WGSS 100 or WGSS 301, WGSS 300.

Consent: Department Consent Required

- Cross-listed with WGSS 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

WGSS 698 Women's, Gender, and Sexuality Studies Internship (1-3 crs)

Prerequisite: At least 6 credits in WGSS-only prefix courses.

Consent: Department Consent Required

- *Cross-listed with WGSS 498.*

Supervised application and examination of Women's, Gender, and Sexuality Studies theory in a professional setting related to the student's area of interest.

Attributes: Internship

Repeat: Course may be repeated for a maximum of 6 credits

Grading Basis: No S/U Grade Option

Writing (WRIT)

WRIT 101 Extended Blugold Seminar in Critical Reading & Writing 1 (3 crs)

Prerequisite: High school concurrent enrollment.

- *Open only to high school students.*

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. First course in two course sequence.

Grading Basis: A-F Grades Only

Lecture/Discussion Hours: 3

Lab/Studio Hours: 0

WRIT 102 Extended Blugold Seminar in Critical Reading & Writing 2 (3 crs)

Prerequisite: High school concurrent enrollment. WRIT 101 with a grade of C or above.

- *Open only to high school students.*

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. Second course in two course sequence. Course fulfills University Writing Requirement.

Attributes: LE-S1 Written and Oral Communication

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 (<http://catalog.uwec.edu/undergraduate/business/accounting-finance/accounting-comprehensive-major-bba/>)

Actuarial Science, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/mathematics/actuarial-science-comprehensive-major-ba-bs/>)

American Indian Studies, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/american-indian-studies/american-indian-studies-major-ba-bs/>)

Art, Ceramics, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/art-design/art-comprehensive-major-ceramics-bfa/>)

Art, Drawing and Painting, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/art-design/art-comprehensive-major-drawing-painting-bfa/>)

Art, Graphic Design, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/art-design/art-comprehensive-major-graphic-design-bfa/>)

Art, Illustration, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/art-design/art-comprehensive-major-illustration-bfa/>)

Art, Liberal Arts, Graphic Communications Emphasis, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/art-design/art-graphic-communications-comprehensive-major-liberal-arts-ba-bs/>)

Art, Liberal Arts, Studio Art Emphasis, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/art-design/art-studio-comprehensive-major-liberal-arts-ba-bs/>)

Art, Photography, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/art-design/art-comprehensive-major-photography-bfa/>)

Art, Sculpture, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/art-design/art-comprehensive-major-sculpture-bfa/>)

Art, Studio Emphasis, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/art-design/art-major-studio-ba-bs/>)

B

Biochemistry/Molecular Biology, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/interdisciplinary/biochemistry-molecular-biology-comprehensive-major-ba-bs/>)

Bioinformatics, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/interdisciplinary/bioinformatics-comprehensive-major-ba-bs/>)

Biology, Ecology and Environmental Biology Emphasis, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/biology/biology-comprehensive-major-ecology-environmental-biology-ba-bs/>)

Biology, Major - Liberal Arts (<http://catalog.uwec.edu/undergraduate/arts-sciences/biology/biology-major-ba-bs/>)

Biology, Microbiology Emphasis, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/biology/biology-comprehensive-major-microbiology-ba-bs/>)

Biomedical Engineering, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/materials-science-biomedical-engineering/biomedical-engineering-major-bs/>)

Business Administration, Major (<http://catalog.uwec.edu/undergraduate/business/management-marketing/business-administration-major-bba/>)

Business Finance, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/business/accounting-finance/business-finance-comprehensive-major-bba/>)

C

Chemistry with Business Emphasis, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/chemistry-biochemistry/chemistry-comprehensive-major-business-ba-bs/>)

Chemistry, A.C.S. Certified, Biochemistry Emphasis, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/chemistry-biochemistry/chemistry-ac-s-comprehensive-major-biochemistry-ba-bs/>)

Chemistry, A.C.S. Certified, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/chemistry-biochemistry/chemistry-ac-s-comprehensive-major-general-ba-bs/>)

Chemistry, Major - Liberal Arts (<http://catalog.uwec.edu/undergraduate/arts-sciences/chemistry-biochemistry/chemistry-major-ba-bs/>)

Communication Sciences and Disorders, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/education-human-sciences/communication-sciences-disorders/communication-sciences-and-disorders-comprehensive-major-bs/>)

Communication, Communication Studies Emphasis, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/communication-journalism/communication-major-communications-studies-ba-bs/>)

Communication, Organizational Communication Emphasis, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/communication-journalism/communication-major-organizational-communications-ba-bs/>)

Computer Science, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/computer-science/computer-science-comprehensive-major-ba-bs/>)

Computer Science, Software Engineering, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/computer-science/computer-science-major-software-engineering-ba-bs/>)

Criminal Justice, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/interdisciplinary/criminal-justice-comprehensive-major-ba-bs/>)

E

Economics, Business, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/economics/economics-comprehensive-major-business-bba/>)

Economics, Major - Liberal Arts (<http://catalog.uwec.edu/undergraduate/arts-sciences/economics/economics-major-ba-bs/>)

Elementary-Middle Education: Grades 4K-9, Major (<http://catalog.uwec.edu/undergraduate/education-human-sciences/education-for-equity-justice/elementary-middle-education-major-4k-9-bs/>)

English Language Arts, Comprehensive Major - Teaching (<http://catalog.uwec.edu/undergraduate/arts-sciences/english/english-language-arts-comprehensive-major-t-ba/>)

English, Creative Writing Emphasis, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/english/english-major-creative-writing-ba-bs/>)

English, Critical Studies in Literatures, Cultures, and Film Emphasis, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/english/english-major-critical-studies-literature-cultures-film-ba-bs/>)

English, Linguistics, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/english/english-major-linguistics-ba-bs/>)

English, Rhetorics of Science, Technology, and Culture Emphasis, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/english/english-major-rhetorics-science-technology-culture-ba-bs/>)

Entrepreneurship, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/business/management-marketing/entrepreneurship-comprehensive-major-bba/>)

Environmental Public Health, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/public-health-environmental-studies/environmental-public-health-comprehensive-major-bseph/>)

Exercise Science, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/education-human-sciences/kinesiology/exercise-science-comprehensive-major-bs/>)

F

French, Major - Liberal Arts (<http://catalog.uwec.edu/undergraduate/arts-sciences/languages/french-major-ba-bs/>)

French, Major - Teaching (<http://catalog.uwec.edu/undergraduate/arts-sciences/languages/french-major-t-ba/>)

G

Geography, Environmental Geography, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/geography-anthropology/geography-comprehensive-major-environmental-geography-ba-bs/>)

Geography, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/geography-anthropology/geography-major-ba-bs/>)

Geography, Transnational Geographies, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/geography-anthropology/geography-comprehensive-major-transnational-geography-ba-bs/>)

Geology, Dual Degree Geological Engineering Emphasis, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/geology/geology-comprehensive-major-dual-degree-geological-engineering-ba-bs/>)

Geology, Environmental Science Emphasis, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/geology/geology-comprehensive-major-environmental-science-ba-bs/>)

Geology, General Geology Emphasis, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/geology/geology-comprehensive-major-general-geology-ba-bs/>)

Geology, Hydrogeology and Water Chemistry Emphasis, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/geology/geology-comprehensive-major-hydrogeology-water-chemistry-ba-bs/>)

Geology, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/geology/geology-major-ba-bs/>)

Geospatial Analysis and Technology, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/geography-anthropology/geospatial-analysis-technology-comprehensive-major-ba-bs/>)

German, Major - Liberal Arts (<http://catalog.uwec.edu/undergraduate/arts-sciences/languages/german-major-liberal-ba-bs/>)

German, Major - Teaching (<http://catalog.uwec.edu/undergraduate/arts-sciences/languages/german-major-t-ba/>)

H

Health Care Administration, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/business/management-marketing/health-care-administration-comprehensive-major-bba/>)

History, Major - Liberal Arts (<http://catalog.uwec.edu/undergraduate/arts-sciences/history/history-major-ba-bs/>)

History, Public History Emphasis, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/history/history-major-public-history-ba-bs/>)

Human Resource Management, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/business/management-marketing/human-resource-management-comprehensive-major-bba/>)

I

Information Systems, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/business/information-systems/information-systems-comprehensive-major-bba/>)

Integrated Strategic Communication, Advertising Emphasis, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/communication-journalism/integrated-strategic-communication-major-advertising-ba-bs/>)

Integrated Strategic Communication, Public Relations Emphasis, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/communication-journalism/integrated-strategic-communication-major-public-relations-ba-bs/>)

International Business, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/business/management-marketing/international-business-comprehensive-major-bba/>)

J

Journalism, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/communication-journalism/journalism-major-ba-bs/>)

K

Kinesiology, Physical Education Teaching Emphasis, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/education-human-sciences/kinesiology/kinesiology-comprehensive-major-physical-education-teaching-bs/>)

L

Latin American and Latinx Studies, Culture and Society Emphasis, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/latin-american-latinx-studies/latin-american-latinx-studies-major-culture-society-ba-bs/>)

Latin American and Latinx Studies, Language Emphasis, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/latin-american-latinx-studies/latin-american-latinx-studies-major-language-ba-bs/>)

Liberal Studies, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/interdisciplinary/liberal-studies-comprehensive-major-bls/>)

M

Management, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/business/management-marketing/management-comprehensive-major-management-bba/>)

Marketing, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/business/management-marketing/marketing-comprehensive-major-bba/>)

Marketing, Marketing Analytics Emphasis, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/business/management-marketing/marketing-comprehensive-major-marketing-analytics-bba/>)

Marketing, Professional Sales Emphasis, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/business/management-marketing/marketing-comprehensive-major-professional-sales-bba/>)

Materials Science and Engineering, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/materials-science-biomedical-engineering/materials-science-engineering-comprehensive-major-bs/>)

Materials Science, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/materials-science-biomedical-engineering/materials-science-comprehensive-major-ba-bs/>)

Mathematics, Comprehensive Major - Teaching (<http://catalog.uwec.edu/undergraduate/arts-sciences/mathematics/mathematics-comprehensive-major-t-bs/>)

Mathematics, Liberal Arts Emphasis, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/mathematics/mathematics-major-liberal-arts-ba-bs/>)

Mathematics, Major - Teaching (<http://catalog.uwec.edu/undergraduate/arts-sciences/mathematics/mathematics-major-t-bs/>)

Mathematics, Research Emphasis, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/mathematics/mathematics-comprehensive-major-research-ba-bs/>)

Mathematics, Statistics and Applied Mathematics Emphasis, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/mathematics/mathematics-major-statistics-applied-mathematics-ba-bs/>)

Music, Applied Instrumental, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/music-theatre-arts/music-comprehensive-major-applied-instrumental-bm/>)

Music, Applied Voice, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/music-theatre-arts/music-comprehensive-major-applied-voice-bm/>)

Music, Composition, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/music-theatre-arts/music-comprehensive-major-composition-bm/>)

Music, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/music-theatre-arts/music-major-ba-bs/>)

Music, Teaching All – Choral Emphasis, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/music-theatre-arts/music-comprehensive-major-choral-teaching-all-bme/>)

Music, Teaching All – Instrumental Emphasis, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/music-theatre-arts/music-comprehensive-major-instrumental-teaching-all-bme/>)

N

Neuroscience, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/interdisciplinary/neuroscience-comprehensive-major-ba-bs/>)

Nursing, B.S.N. Completion Program, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/nursing-health-sciences/nursing/nursing-comprehensive-major-bsn-completion-program-bsn/>)

Nursing, Eau Claire Program, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/nursing-health-sciences/nursing/nursing-comprehensive-major-eau-claire-program-bsn/>)

Nursing, Marshfield Program, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/nursing-health-sciences/nursing/nursing-comprehensive-major-marshfield-program-bsn/>)

Nursing, WTCs Associate Degree in Nursing BSN Completion Program (Collaborative Nursing Degree), Comprehensive Major (<http://catalog.uwec.edu/undergraduate/nursing-health-sciences/nursing/nursing-comprehensive-major-wtcs-associate-degree-in-nursing-bsn-completion-program-bsn/>)

O

Operations and Supply Chain Management, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/business/management-marketing/operations-supply-chain-management-comprehensive-major-bba/>)

P

Philosophy, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/philosophy-religious-studies/philosophy-major-ba-bs/>)

Physics, Applied Physics Emphasis, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/physics-astronomy/physics-major-applied-physics-ba-bs/>)

Physics, Dual Degree Engineering Emphasis, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/physics-astronomy/physics-major-dual-degree-ba-bs/>)

Physics, Liberal Arts Emphasis, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/physics-astronomy/physics-major-liberal-arts-ba-bs/>)

Political Science, Legal Studies Emphasis, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/political-science/political-science-comprehensive-major-legal-studies-ba-bs/>)

Political Science, Major - Liberal Arts (<http://catalog.uwec.edu/undergraduate/arts-sciences/political-science/political-science-major-ba-bs/>)

Political Science, World Politics Emphasis, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/political-science/political-science-comprehensive-major-world-politics-ba-bs/>)

Psychology, Behavior Analysis, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/psychology/psychology-behavior-analysis-major-ba-bs/>)

Psychology, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/psychology/psychology-major-ba-bs/>)

Public Health, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/public-health-environmental-studies/public-health-major-ba-bs/>)

R

Rehabilitation Science, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/education-human-sciences/kinesiology/rehabilitation-science-comprehensive-major-bs/>)

Religious Studies, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/philosophy-religious-studies/religious-studies-major-ba-bs/>)

S

Science Teaching, Biology Emphasis Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/interdisciplinary/science-teaching-comprehensive-major-biology-t-bs/>)

Science Teaching, Chemistry Emphasis Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/interdisciplinary/science-teaching-comprehensive-major-chemistry-t-bs/>)

Science Teaching, Earth/Space Science Emphasis Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/interdisciplinary/science-teaching-comprehensive-major-earth-space-science-t-bs/>)

Science Teaching, Physics Emphasis Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/interdisciplinary/science-teaching-comprehensive-major-physics-t-bs/>)

Social Studies Teaching, History Emphasis, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/interdisciplinary/social-studies-teaching-comprehensive-major-history-bt-ba/>)

Social Work, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/education-human-sciences/social-work/social-work-comprehensive-major-bsw/>)

Sociology, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/sociology/sociology-major-ba-bs/>)

Spanish, Major - Liberal Arts (<http://catalog.uwec.edu/undergraduate/arts-sciences/languages/spanish-major-liberal-arts-ba-bs/>)

Spanish, Major - Teaching (<http://catalog.uwec.edu/undergraduate/arts-sciences/languages/spanish-major-t-ba/>)

Special Education, Unified Early Childhood, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/education-human-sciences/special-education-inclusive-practices/special-education-comprehensive-major-unified-early-childhood-bs/>)

Special Education, Unified Special Education K-12 Elementary/Middle, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/education-human-sciences/special-education-inclusive-practices/special-education-comprehensive-unified-special-education-k12-elementary-middle-bs/>)

T

Theatre Arts, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/music-theatre-arts/theatre-arts-comprehensive-major-ba-bs/>)

Theatre Arts, Major - Liberal Arts (<http://catalog.uwec.edu/undergraduate/arts-sciences/music-theatre-arts/theatre-arts-major-ba-bs/>)

Theatre Arts, Musical Theatre, Comprehensive Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/music-theatre-arts/theatre-arts-comprehensive-major-musical-theatre-ba-bs/>)

W

Women's, Gender, and Sexuality Studies, Major (<http://catalog.uwec.edu/undergraduate/arts-sciences/womens-studies/womens-gender-sexuality-studies-major-ba-bs/>)

Programs by College

College of Arts and Sciences

Bachelor of Arts or Bachelor of Science

Actuarial Science
American Indian Studies
Art
Biochemistry/Molecular Biology
Bioinformatics
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 and Latinx Studies
Materials Science
Mathematics
Music
Neuroscience
Philosophy
Physics
Political Science
Psychology
Public Health
Religious Studies
Sociology
Spanish
Theatre Arts
Women's, Gender, and Sexuality Studies

Bachelor of Science

Biomedical Engineering
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, Business

Entrepreneurship

Health Care Administration

Human Resource Management

Information Systems

International Business

Management

Marketing

Operations and Supply Chain Management

College of Education and Human Sciences**Bachelor of Arts**

English

French

German

Social Studies Teaching All - History Emphasis

Spanish

Bachelor of Music Education**Bachelor of Science**

Communication Sciences and Disorders

Elementary Education

Exercise Science

Kinesiology - Physical Education Teaching Emphasis

Mathematics

Science Teaching - Biology Emphasis

Science Teaching - Chemistry Emphasis

Science Teaching - Earth/Space Science Emphasis

Science Teaching - Physics Emphasis

Rehabilitation Science

Special Education - Unified Early Childhood Emphasis

Special Education - Unified Special Education K-12 & Elementary/Middle Emphasis

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**

History

Master of Science

Athletic Training

Communication Sciences and Disorders

Data Science

Master of Business Administration**Master of Science in Education**

School Psychology

Master of Science in Nursing**Master of Education-Professional Development****Specialist in Education**

School Psychology

A

Athletic Training - Master of Science

B

Business Administration, UW MBA Consortium Online - Master of Business Administration

C

Communication Sciences and Disorders, Online - Master of Science

Communication Sciences and Disorders, Residential - Master of Science

D

Data Science - Master of Science

H

History - Master of Arts

History, Public History - Master of Arts

N

Nursing - Doctor of Nursing Practice

Nursing, Adult-Gerontology-Administration - Doctor of Nursing Practice

Nursing, Adult-Gerontology-Administration - Master of Science in Nursing

Nursing, Adult-Gerontology-Clinical Nurse Specialist - Doctor of Nursing Practice

Nursing, Adult-Gerontology-Education - Master of Science in Nursing

Nursing, Adult-Gerontology-Primary Care Nurse Practitioner - Doctor of Nursing Practice

Nursing, Family Health-Administration - Doctor of Nursing Practice

Nursing, Family Health-Administration - Master of Science in Nursing

Nursing, Family Health-Education - Master of Science in Nursing

Nursing, Family Health-Nurse Practitioner - Doctor of Nursing Practice

Nursing, Nurse Executive - Doctor of Nursing Practice

P

Professional Development - Master of Education - Professional Development

S

School Psychology - Education Specialist

School Psychology - Master of Science in Education

All graduate degree programs require a minimum of 30 credits of graduate course work (500 level and higher) in the area of specialization, with at least 50% of the minimum number of credits required in the degree program earned in 700 level courses or higher. Most degree programs also require a culminating experience. The culminating experience can be an examination, thesis, project, internship, portfolio, or a combination of the above. Programs without a culminating experience may require additional coursework. See information under the specific program for the requirement(s) for that program.

UW-Eau Claire Graduate Degrees

- Master of Arts
 - History
- Master of Business Administration
- Master of Education—Professional Development
- Master of Science
 - Athletic Training
 - Communication Sciences and Disorders (Speech-Language Pathology)
 - Data Science (Mathematics)
- Master of Science in Education
 - School Psychology
- Master of Science in Nursing
- Specialist in Education
 - School Psychology
- Doctor of Nursing Practice

Doctor of Nursing Practice (DNP)

- **Post-Master's DNP:**
 - **Nursing, DNP (Code 700-830)**
 - **Nursing, Nurse Executive (Code 700-837)**
- **Post-Baccalaureate DNP:**
 - **Nursing, Adult-Gerontology-Administration (Code 700-832)**
 - **Nursing, Adult-Gerontology-Primary Care Nurse Practitioner (Code 700-833)**
 - **Nursing, Adult-Gerontology-Clinical Nurse Specialist (Code 700-834)**
 - **Nursing, Family Health-Administration (Code 700-835)**
 - **Nursing, Family Health-Nurse Practitioner (Code 700-836)**

The DNP degree is for individuals pursuing education in advanced practice nursing. It is a clinical doctorate designed to prepare nurses to assume leadership roles in the areas of advanced clinical practice (nurse practitioner or clinical nurse specialist) or nursing administration/nurse executive. Courses address topics such as organizational and systems leadership, influencing health policy, evidence-based practice and research utilization, information systems and patient care technology, interprofessional collaboration, improving patient and population health outcomes and effecting change, and evaluating health outcomes. Both the MSN-to-DNP (post master's) and BSN-to-DNP (post-baccalaureate) options are available at UW-Eau Claire.

Master of Arts (MA)

- **History (Code 380-804)**
- **History-Public History (Code 380-808)**

The Master of Arts degree serves persons who already have substantial preparation in the discipline in which they seek a graduate degree, and who

wish to extend their knowledge and skills in their area of specialization for self-improvement, professional roles, or further graduate study.

Master of Business Administration (MBA)

- **Business Administration, UW MBA Consortium Online (Code 740-801)**

The purpose of the College of Business MBA program is to guide students in becoming effective leaders who possess broad, practical understanding of the business world and the dynamic, global environment in which it operates. The program is designed to develop each individual's ability to recognize the needs of customers, employees, stockholders, and other organizational stakeholders; secure competitive advantage through emphasis on quality, technology, and innovation; communicate effectively and interact with members of a diverse, global work force and business environment; apply a variety of decision-making tools and techniques to dynamic business situations; and manage an organization in a socially responsible and ethical manner.

The program is designed to meet the needs of individuals currently in the work force who wish to pursue an MBA on a part-time basis while continuing their full-time employment. See the MBA Program section of this catalog for further information and specific degree requirements.

Master of Education-Professional Development (MEPD)

- **Professional Development, MEPD (Code 949-807)**

The Master of Education-Professional Development degree provides for the enhancement of professional competencies in education for experienced, certified educators. It is designed for individualized continuing education to assist educators in the development of competencies that relate specifically to their job needs and to their professional growth. To be admitted to a MEPD program an applicant must have a minimum of two years teaching experience or equivalent.

Master of Science (MS)

- **Athletic Training (Code 995-801)**
- **Communication Sciences and Disorders, Residential (Code 622-806)**
- **Communication Sciences and Disorders, Online (Code 622-807)**
- **Data Science, Online (Code 181-801)**

The Master of Science degree is awarded to students who have demonstrated mastery of a specific field of study or area of professional practice. Students may enter such programs with substantial preparation in the discipline in which they seek a higher degree or it may be a new area of study for an individual, depending upon the requirements of the program.

Master of Science in Education (MSE)

- **School Psychology (Code 442-803)**

The Master of Science in Education degree is designed to develop capabilities in special professional roles in the field of education. The MSE in School Psychology is earned at the completion of the first year of the three-year Specialist in Education degree.

Master of Science in Nursing (MSN)

- **Nursing, Family Health-Education (Code 700-811)**
- **Nursing, Family Health-Administration (Code 700-812)**

- **Nursing, Adult-Gerontology-Administration (Code 700-816)**
- **Nursing, Adult-Gerontology-Education (Code 700-819)**

The Master of Science in Nursing degree is designed to prepare nurses with a population focus in Adult-Gerontologic Health Nursing or Family Health Nursing to assume leadership roles in advanced professional nursing. The core curriculum is designed to develop and increase students' competencies in theory analysis and evaluation, concept clarification and development, research, and refined skills in clinical inquiry, ethics, leadership, and analysis of contemporary issues. Building on the core curriculum, students apply new knowledge and skills in the clinical setting.

The program provides functional role preparation as a nurse educator or nurse administrator/leadership and management. Required nursing courses focus on the functional dimensions of the role, its theory and expectations, and strategies for implementation.

Specialist in Education Degree (Ed.S.)

- **School Psychology (Code 442-805)**

The Specialist in Education degree is offered in School Psychology. This three-year program includes two years of full-time on-campus study, and a one-year, full-time internship. After successful completion of the first year of the program (31 credits of study and a passing grade on a comprehensive examination), students are awarded the Master of Science in Education degree. The Ed.S. degree requires an additional 37 graduate credits beyond the MSE degree. By earning this degree, students meet all of the requirements for certification by the State of Wisconsin as a School Psychologist and become eligible for National Certification in School Psychology.

Credit-Bearing Graduate Certificate Programs

- **African American History (Code 380-614)**
- **Asian History (Code 380-615)**
- **Communication and Leadership in Health Organizations (Code 583-602)**
- **Data Science (Code 181-601)**
- **Director of Special Education & Pupil Services (Code 950-604)**
- **European History (Code 380-616)**
- **Global History (Code 380-617)**
- **Historical Research and Writing (Code 380-618)**
- **Latin American History (Code 380-619)**
- **Military History (Code 380-621)**
- **Native American History (Code 380-622)**
- **Public History (Code 380-623)**
- **Race and Ethnic History (Code 380-624)**
- **United States History (Code 380-625)**
- **Women, Family & Gender History (Code 380-626)**

Graduate certificates may be earned by graduate degree seeking or non-degree seeking students. Guidelines and standards are identical for both groups. Graduate certificate programs require no fewer than 15 credits, and all credits required for the graduate certificate program must be graduate-level credits (500-level and above). No fewer than six credits must be taken at the 700 level. At least 50 percent of the credits applied to the graduate certificate program requirements must be taken through UW-Eau Claire. Departments or colleges proposing graduate certificate programs have the right to specify

1. admission requirements for entry into a certificate program, and
2. minimum GPA requirements for course and certificate completion.

Additional details on the minimum standards, procedures, and process for approving new credit-bearing graduate certificates may be found on the Graduate Studies website.

INDEX

A

About the Catalog	10
Academic Load	19
Academic Opportunities	18
Academic Policies and Regulations	19
Academic Standards	20
Accounting (ACCT)	68
Admission	12
Advising of Students	18
African American History - Graduate Certificate	33
American Indian Studies	26
American Indian Studies (AIS)	70
Anthropology (ANTH)	75
Art & Design	26
Art (ART)	77
Art History (ARTH)	82
Asian History - Graduate Certificate	33
Athletic Training - Master of Science	38

B

Biology	26
Biology (BIOL)	83
Biomedical Engineering (BME)	92
Business Administration (BSAD)	94
Business Administration, UW MBA Consortium Online - Master of Business Administration	42
Business Communication (BCOM)	97

C

Calendar for 2022-2023	11
Chemistry and Biochemistry	27
Chemistry (CHEM)	98
Children's Nature Academy	18
Chinese (CHIN)	104
Collaborative Nursing (CND)	104
Communication & Journalism (CJ)	106
Communication and Journalism	27
Communication and Leadership in Health Organizations - Graduate Certificate	27
Communication Sciences and Disorders	27
Communication Sciences and Disorders (CSD)	114
Communication Sciences and Disorders, Online - Master of Science	28

Communication Sciences and Disorders, Residential - Master of Science	29
Computational Science (CPSC)	122
Computer Science	30
Computer Science (CS)	122
Course Descriptions	65
Criminal Justice (CRMJ)	127

D

Dance (DNCE)	129
Data Science - Graduate Certificate	40
Data Science - Master of Science	40
Data Science (DS)	130
Degree Programs	403
Director of Special Education & Pupil Services, Certificate	64

E

Economics	30
Economics (ECON)	131
Education for Equity and Justice	30
Education Studies (ES)	136
Educational and Community Services	17
English	31
English As Second Language (ESL)	161
English (ENGL)	147
Environmental Public Health (ENPH)	163
Environmental Studies (ENV)	165
European History - Graduate Certificate	33

F

Finance (FIN)	167
Foreign Language (FLG)	169
Foreign Literature in Translation (FLTR)	171
French (FREN)	172

G

General Arts & Sciences (GEN)	174
Geography and Anthropology	32
Geography (GEOG)	175
Geology	32
Geology (GEOL)	182
German (GERM)	187
Global History - Graduate Certificate	34
Grades	20
Graduate Catalog	12
Graduate Overview	12

Graduate Programs/Courses	25
Greek (GRK)	190
H	
Health Care Administration (HCAD)	190
Historical Research and Writing - Graduate Certificate	34
History	32
History - Master of Arts	34
History (HIST)	193
History, Public History - Master of Arts	35
Hmong (HMNG)	209
Honors Colloquia (HNRS)	209
Humanities (HUMS)	217
I	
Information Systems (IS)	218
Interdisciplinary Studies (IDIS)	220
International Business (INTB)	224
International Education	38
International Exchange Programs (INTX)	225
International Studies Abroad (INTA)	228
International Studies (INTS)	240
J	
Japanese (JAPN)	240
K	
Kinesiology	38
Kinesiology (KINS)	241
L	
Languages	39
Languages (LANG)	255
Latin American and Latinx Studies	40
Latin American and Latinx Studies (LAS)	256
Latin American History - Graduate Certificate	35
Latin (LAT)	261
Liberal Studies (LS)	261
Library and Technology Resources	16
Library Science and Media Education (LMED)	262
M	
Management (MGMT)	262
Marketing (MKTG)	267
Master of Business Administration (MBA)	269
Materials Science and Engineering (MSE)	277
Materials Science (MSCI)	279

Mathematics	40
Mathematics (MATH)	280
MBA Program (MBA)	41
Military History - Graduate Certificate	36
Military Science and Leadership (MSL)	293
Music and Theatre Arts	42
Music Education (MUED)	294
Music (MUSI)	296
N	
Native American History - Graduate Certificate	36
Nursing	43
Nursing - Doctor of Nursing Practice	44
Nursing, Adult-Gerontology-Administration - Doctor of Nursing Practice	46
Nursing, Adult-Gerontology-Administration - Master of Science in Nursing	47
Nursing, Adult-Gerontology-Clinical Nurse Specialist - Doctor of Nursing Practice	49
Nursing, Adult-Gerontology-Education - Master of Science in Nursing	50
Nursing, Adult-Gerontology-Primary Care Nurse Practitioner - Doctor of Nursing Practice	52
Nursing, Family Health-Administration - Doctor of Nursing Practice	53
Nursing, Family Health-Administration - Master of Science in Nursing	55
Nursing, Family Health-Education - Master of Science in Nursing	56
Nursing, Family Health-Nurse Practitioner - Doctor of Nursing Practice	58
Nursing (NRSNG)	312
Nursing, Nurse Executive - Doctor of Nursing Practice	59
P	
Paying for College	14
Philosophy and Religious Studies	61
Philosophy (PHIL)	329
Physics and Astronomy	61
Physics (PHYS)	333
Political Science	61
Political Science (POLS)	337
Post-MSN Nursing Administration - Graduate Certificate	61
Post-MSN Nursing Education - Graduate Certificate	61
Professional Development - Master of Education - Professional Development .	31
Professional Studies Arts and Sciences (PSAS)	344
Psychology	62
Psychology (PSYC)	345
Public Health (PH)	356
Public History - Graduate Certificate	36

R

Race and Ethnic History - Graduate Certificate	37
Registration	19
Religious Studies (RELS)	357
Russian (RUSS)	360

S

School Psychology - Education Specialist	62
School Psychology - Master of Science in Education	63
Social Work	63
Social Work (SW)	360
Sociology	63
Sociology (SOC)	362
Spanish (SPAN)	366
Special Education and Inclusive Practices	63
Special Education and Inclusive Practices (SEIP)	371
Special Education (SPED)	376
Student Resources	16
Student Services	18

T

The University of Wisconsin-Eau Claire	4
Theatre Arts (THEA)	383

U

Unified Early Childhood (UEC)	388
Unified Elementary/Middle (UEM)	392
United States History - Graduate Certificate	37
University Graduation Requirements	22

W

Women, Family, and Gender History - Graduate Certificate	37
Women's, Gender, and Sexuality Studies	64
Women's, Gender, and Sexuality Studies (WGSS)	393
Writing (WRIT)	402