

2012-2013 Undergraduate Catalog



A Bulletin of the University of Wisconsin-Eau Claire Volume 96

This Undergraduate Catalog is available on the UW-Eau Claire Web Homepage at www.uwec.edu and is supplemented by the following official publications of the University:

The **Class Schedule**, issued prior to the opening of each term is available at: www.uwec.edu/registrar/classSched.htm. Current information about fees and full instructions for registration, as well as a schedule of all courses to be offered is described.

The **Your Right to Know** publication, from the Student Affairs and Dean of Students Office, is available at: <http://www.uwec.edu/DOS/policies/yrtk/index.htm>. The publication contains additional information about campus life, activities, services, policies and regulations, safety, student rights, and the various offices through which they are administered.

The **Graduate Catalog** contains information about graduate programs including admission and degree requirements, and is available at: www.uwec.edu/registrar/catalogs/index.htm#grad.

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 Regent 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, Schofield 217, (715) 836-2387, affirm01@uwec.edu, www.uwec.edu/affirm/index.htm.

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 "Your Right to Know," available at: www.uwec.edu/DOS/policies/yrtk/index.htm.

On the cover: Visiting Japanese graduate students from Hyogo University of Teacher Education participating in a UW-Eau Claire Education Studies Methods class as part of an international collaboration program.

Photos are by Rick Mickelson and Bill Hoepner, Learning and Technology Services (LTS).



Calendar for 2012-2013



FALL SEMESTER 2012

August

- 20 Monday First day of faculty contractual period.
29 Wednesday through Friday Advising and Registration.

September

- 3 Monday Labor Day Holiday.
4 Tuesday Classes begin.

November

- 21 Wednesday Thanksgiving recess begins at 5:00 p.m.
22 Thursday Thanksgiving Day Holiday-
23 Friday No classes. University closed.
26 Monday Classes resume.

December

- 14 Friday Last day of classes.
18 Monday through Friday Final examinations week.
22 Saturday Commencement.
24 Monday through Tuesday Christmas Holiday-
26 Tuesday University closed.

WINTERIM 2013

January

- 1 Tuesday New Year's Day Holiday-
University closed.
2 Wednesday Classes begin.
5 Saturday Saturday class.
18 Friday Last day of classes.
21 Monday Martin Luther King Holiday.

SPRING SEMESTER 2013

January

- 17 Thursday through Friday Advising and Registration.
21 Monday Martin Luther King Holiday-
University closed.
22 Tuesday Classes begin.

March

- 18 Monday through Friday Spring Break.
25 Monday Classes resume.

May

- 13 Monday through Friday Final examinations.
18 Saturday Commencement.
19 Sunday Last day of faculty contractual period.

THREE-WEEK SUMMER SESSION 2013

May

- 20 Monday Classes begin.
27 Monday Memorial Day Holiday.

June

- 7 Friday Last day of classes.

EIGHT-WEEK SUMMER SESSION 2013

June

- 10 Monday Classes begin.

July

- 4 Thursday Independence Day Holiday.
5 Friday Classes resume.

August

- 2 Friday Last day of classes.

A detailed academic calendar, including official academic deadlines, is available on the Web at: <http://www.uwec.edu/Registrar/calendar/index.htm>.

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THE UNIVERSITY OF WISCONSIN-EAU CLAIRE

105 Garfield Avenue

Eau Claire, Wisconsin 54702-4004

UW-Eau Claire Web Homepage www.uwec.edu

Situated at the confluence of the Eau Claire and Chippewa rivers, the city of Eau Claire originated as a lumber town in the 1840s. Today, with a population of over 64,000, Eau Claire is a commercial, medical, technological, and educational center for the west central region of Wisconsin.

Eau Claire is located 90 miles east of Minneapolis/St. Paul and 247 miles northwest of Milwaukee. The city and the surrounding countryside abound in rivers, lakes, and wooded areas of great natural beauty, where seasonal sports, camping, and other recreational activities may be enjoyed throughout the year.

The University

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

The University of Wisconsin-Eau Claire today is a multipurpose institution, offering a variety of undergraduate and graduate programs, and serving regionally as a center for continuing education. The campus includes 28 major buildings located on a 333-acre, two-level campus, which embraces Putnam Park on the south bank of the Chippewa River and is connected by a footbridge to the Haas Fine Arts Center and the Human Sciences and Services building on the north bank. The student body numbers approximately 11,000; faculty and academic staff total over 750.

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.

ACADEMIC GOALS

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

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

- Knowledge of Human Culture and the Natural World
- Creative and Critical Thinking
- Effective Communication
- Individual and Social Responsibility
- Respect for Diversity among People

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

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

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 have primary responsibility for academic and educational activities and faculty personnel matters,
- University academic staff have 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.

The academic departments and administrative units of the University are organized as represented on the University's organizational chart shown on page 267.

THE SCHOOL YEAR

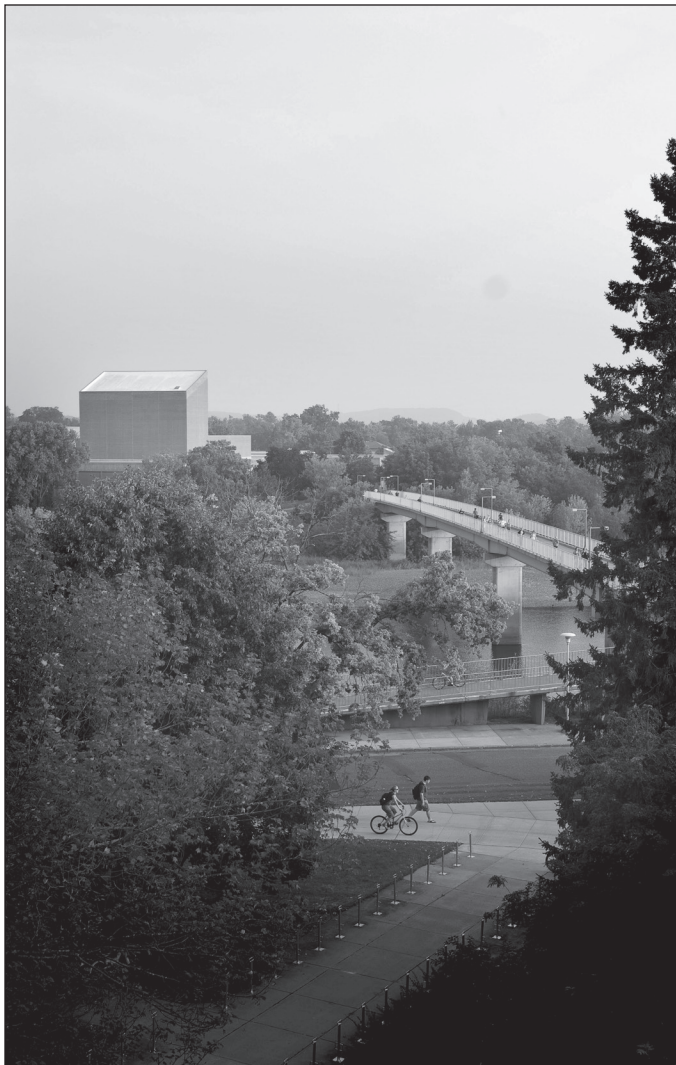
Each regular academic semester (Fall and Spring) consists of approximately 17 weeks, including days reserved for registration and final examinations.

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

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

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

The Calendar in this catalog is supplemented by more detailed calendars including official academic deadlines, registration dates, etc., which are available on the UW-Eau Claire webpage (see Calendars tab on the Records/Registration home page under ACADEMICS on UW-Eau Claire webpage.)



The Campus

Campus Information Services (715) 836-2637
toll-free (888) 463-6893

Parking and Transportation Services: The University of Wisconsin-Eau Claire, like other colleges and universities finds parking to be an ever-present and evolving challenge. Parking and Transportation Services, in cooperation with students, faculty, and administrators, strives to find an equitable way to manage the limited number of 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 limited number of parking spaces available on campus. It includes a differentiated pricing system for parking permits, significant penalties for violations, and a free city-wide transit service. Detailed and current parking information can be obtained from Parking and Transportation Services, Schneider 106, (715) 836-2002, or parking@uwec.edu.

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

Visiting the Campus: Conducted tours may be arranged through the Office of Admissions (715) 836-5415. An overview of the campus can be seen through a three-dimensional model of buildings and grounds located in the breezeway between Schofield Hall and the Old Library building. Visitors may obtain a brochure describing the campus and its facilities from the Campus Information Services, east lobby, Davies Center or from the Visitor Center.

ADMINISTRATIVE OFFICES

Chancellor, Provost/Vice Chancellor,
Assistant Chancellors Schofield Hall
Admissions Schofield 112
Registrar Schofield 128

COLLEGE OFFICES

College of Arts and Sciences Schofield 138
College of Business Schneider 110
College of Education and Human Sciences Brewer 153
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 Phillips Hall
Clark Bird Museum Phillips Hall
Council Fire Room Davies Center
Davies Theatre Davies Center
Foster Gallery Haas Fine Arts Center
Gantner Concert Hall Haas Fine Arts Center
Kjer Theatre Garfield and Park Avenues
Phillips Planetarium Phillips Hall
Phillips Recital Hall Haas Fine Arts Center
Riverside Theatre Haas Fine Arts Center
Schofield Auditorium Schofield Hall
Skylight Lounge Davies 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.

Earl S. Kjer Theatre (1952), Garfield and Park Avenues. Named for the Chair of the Speech Department and Director of Theatre, 1953-1965.

C. J. 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 Social Science 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.

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

Eugene R. McPhee Physical Education Center (1969; Ade Olson Addition, 1987), upper campus. Named for 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.

Leonard and Dorellen 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.

Richard E. Hibbard Humanities Hall (1974), Garfield and Park Avenues. Named for the Political Science faculty member and Vice President for Academic Affairs (1964-1971), who served as interim president and interim chancellor, 1971-1972.

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

RESIDENCE HALLS

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

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

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

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

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

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

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

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

Oak Ridge Hall (1969), upper campus. 355 women.

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

UNIVERSITY CENTERS

W.R. Davies University Center (1959; additions, 1964, 1976, 1982, 1991), lower campus. Named for the second president (1941-1959) of the Eau Claire State Teachers College. Dining service, student organizations complex, bookstore, ticket office, printing services, meeting and program spaces, activities and programs office, and reservations and conference planning services.

Crest Wellness Center (1965), upper campus. Student health service, fitness center, University Police, lounge and music club, outdoor challenge ropes course.

Hilltop Center (1968), upper campus. Student services office, recreation and sport facilities office, bowling and billiards center, outdoor recreation center, dining service.

SITES AND COLLECTIONS SUPPORTING INSTRUCTION AND RESEARCH

On Campus:

The **Goodner Collection and the Owens Collection** of Native American materials were gifts to the UW-Eau Claire Foundation. The **Newman Collection** of Native American artifacts and memorabilia is on loan to the Foundation. Part of the Newman Collection is displayed on the first floor of Hibbard Humanities Hall, next to the office of the American Indian Studies program. Other collections include Wisconsin Indian basketry and beadwork, casts, and skeletal materials pertaining to human evolution. Used extensively by students in cultural and physical anthropology courses, these materials are on display in classrooms in Room 303, Schneider Hall.

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

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

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

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

Off-Campus-Wisconsin:

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

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

Pigeon Lake Field Station, operated under the auspices of the UW System and UW-River Falls, includes approximately 50 acres in the heart of the Chequamegon-Nicolet National Forest, about 150 miles north of Eau Claire. The Station's 16 cabins, dining hall, recreation hall, and five well-equipped classrooms accommodate up to 120 students. Through the cooperation of the U. S. Forest Service, Field Station programs have access to 825,000 acres of the Chequamegon-Nicolet National Forest, where rivers, streams, lakes, bogs, ponds, and old-growth forests offer a diversity of flora, fauna, and ecosystems for study. For more specific information contact Dr. Chris Floyd, Department of Biology.

Off-Campus-Mississippi:

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

Degree Programs

UNDERGRADUATE DEGREE PROGRAMS

College of Arts and Sciences

Bachelor of Arts or Bachelor of Science

American Indian Studies	Economics	Mathematics
Art	English	Music
Biochemistry/Molecular Biology	French	Philosophy
Biology	Geography	Physics
Chemistry	Geology	Political Science
Chemistry with Business Emphasis	German	Psychology
Communication	History	Religious Studies
Computer Science	Journalism	Sociology
Criminal Justice	Latin American Studies	Spanish
	Mass Communication	Theatre Arts
	Materials Science	Women's Studies

Bachelor of Fine Arts

Art

Bachelor of Liberal Studies

Liberal Studies

Bachelor of Music

Music

Bachelor of Professional Studies

Organizational Leadership & Communication

College of Business

Bachelor of Business Administration

Accounting	Information Systems
Business Administration	International Business
Business Finance	Management
Economics	Marketing
Health Care Administration	

College of Education and Human Sciences

Bachelor of Arts

Art	German	Social Studies
Economics	History	Sociology
English	Latin American Studies	Spanish
French	Political Science	Theatre Arts

Bachelor of Music Education

Bachelor of Science

Athletic Training	Elementary Education	Physical Science
Biology	Geography	Physics
Chemistry	Geology	Physics-Mathematics
Communication Sciences and Disorders	Kinesiology	Special Education
	Mathematics	

Bachelor of Social Work

College of Nursing and Health Sciences

Bachelor of Science in Environmental Public Health

Bachelor of Science in Nursing

GRADUATE DEGREE PROGRAMS

Doctor of Nursing Practice

Master of Arts

English

History

Master of Science

Communication Sciences and Disorders

Master of Business Administration

Master of Science in Teaching

Elementary Education

English

Reading

Master of Science in Education

School Psychology

Special Education

Master of Science in Nursing

Master of Education-Professional Development

Specialist in Education

School Psychology

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

Accreditation Board for Engineering and Technology (ABET Inc.)

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 for the Education of Young Children

National Association of Boards of Examiners of Long Term Care Administrators

National Association of School Psychologists

National Association of Schools of Music

National Environmental Health Association

Wisconsin Department of Health and Social Services

Wisconsin Department of Public Instruction

Wisconsin State Board of Nursing

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

Admission

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

PREPARATION FOR UNIVERSITY STUDY

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

Some high school courses may not satisfy University admission requirements for college preparatory academic coursework. For information on applicability of high school courses to admissions requirements, contact the Admissions office.

ADMISSION OF FRESHMEN

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

I. Applicants must present evidence of graduation from a recognized high school or equivalent certificate.

A. A recognized high school is one which either (1) is operated by public school districts, or (2) is a private school accredited by an association that is certified by the U.S. Department of Education to accredit private schools, and those whose names appear in the Federal Register as an approved accreditation association, or (3) is a private school not accredited under (2) but may be "recognized" by an institution in the System based on the performance of previously admitted graduates from the high school.

B. An applicant who has not graduated from a recognized high school must provide evidence of ability to begin college work. Such evidence may include General Education Development (GED) test scores or High School Equivalency Diploma (HSED) test scores, transcripts of coursework completed in high school, high school rank-in-class before leaving high school, written recommendations, ACT/SAT test scores, and other evidence deemed appropriate by the University. High school equivalency applicants may not normally be enrolled unless they are a minimum of two years past their expected date of high school graduation.

II. Applicants should complete a rigorous college preparatory curriculum. Applicants who take courses beyond the minimum will be considered strong candidates for admission. Applicants must complete a *minimum* of 17 high school units (one unit equals one year of study)** distributed as follows:

	Units
English (at least three composition and literature)	4
Mathematics (algebra, geometry, advanced college preparatory math*)	3
Natural Science	3
Social Science (one must be world or American history)	3
Foreign Language (in a single foreign language)	2
Additional coursework in any of the above areas, and art, music, speech, computer science, or other academic areas.	$\frac{2}{17^{**}}$
TOTAL	17**

*In almost all high school curricula, algebra II or higher / advanced algebra is the third college preparatory mathematics course required.

**Students who begin taking high school coursework prior to high school (e.g. mathematics, foreign language) must still present a total of 15 academic credits (English, mathematics, natural science, social science, and foreign language) in grades 9-12.

III. In addition to a rigorous high school curriculum, academic factors include high school class rank, high school GPA, trends in grades, and test scores. Secondary non-academic factors may include, but are not necessarily limited to, leadership; community service; achievement in the arts, athletics, or other areas; and diversity in personal background and experience.

Official test scores from The American College Testing Program (ACT) or Scholastic Aptitude Test (SAT) must be on file for all new freshmen under the age of 22. ACT is the preferred test. Students will not be disadvantaged in the admission process by taking one test rather than the other.

IV. Students may be considered for conditional admission during the spring semester only. Students successfully meeting University requirements at the end of the conditional period will be continued for the following semester as a student in good standing. To be considered for conditional admission, students must have been out of high school for at least two years or a minimum of two years past their expected date of high school graduation.

V. Particular consideration in admission will be given to applicants who have been out of school for two or more years; service veterans, as defined by state and federal policies; and students who have been challenged by a lack of educational opportunities.

VI. Requirements for out-of-state students will be the same as those of resident students, except that special requirements may be adopted for international applicants. If the number of qualified out-of-state students exceeds the ability of UW-Eau Claire to accommodate them, the University shall determine the criteria for selection from among qualified applicants.

VII. Final admission requires that students maintain their high school academic standing and successfully complete coursework in progress as outlined on the application. The final (eighth semester) official transcript provided by the high school provides the required certification that the applicant has fulfilled this obligation. It is the student's responsibility to ensure that the proper supporting documents have been delivered to the Admissions office.

COMPETENCY-BASED ADMISSIONS

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

ADMISSION OF HOME-SCHOOLED STUDENTS

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

EARLY ADMISSION OF HIGH SCHOOL STUDENTS

The University offers admission to exceptionally qualified high school students who will have completed the 10th grade by the time they will enroll at UW-Eau Claire. Such students must provide evidence of academic ability, motivation, and self-discipline necessary to engage in university-level study.

Admission requirements:

- Rank in the top 10 percent of their high school class or have a cumulative high school GPA of 3.75 or higher
- ACT composite score of 28 or higher with 25 or higher in all subscores (or equivalent scores from the SAT)
- Permission of parent(s) or guardian(s)

Applicants for early admission must provide the following:

- A standard UW System application form
- An official high school transcript showing current rank-in-class and official transcripts for all University work completed
- Two letters of recommendation. At least one should be from a current teacher. The other may be from any adult (preferably from the principal, assistant principal, or guidance counselor) in a position to assess the applicant's skills and readiness for University study.
- Permission statement signed by parent(s) or guardian(s)
- On-campus interview with the Admissions office or Academic Advising office

READMISSION

All students who have been away from the University for a semester or more (except those on academic leave*) must file a formal application for readmission. Students seeking readmission are encouraged to make application as early as possible prior to the semester in which they wish to return. **Readmission at a late date is not guaranteed.** Applicants returning after an absence of two or more consecutive semesters must meet the degree requirements of the catalog in effect upon their return, or a subsequent catalog.

*Academic leave information and forms are available in the Student Affairs and Dean of Students Office. (See Leave of Absence, page 33.)

TRANSFER APPLICANTS

In addition to a rigorous college-level course curriculum, academic factors considered include cumulative GPA and trends in grades. Students with fewer than 30 transferable semester (45 quarter) credits may be considered for admission based on both their college and high school records. Academic preparation and success are the primary considerations for admission, although non-academic factors are also considered. Higher academic expectations or earlier application priority dates may be imposed on specific majors if necessary to keep enrollments in line with program capacities.

All supporting official transcripts (college and high school) must be in the Admissions office by the established priority dates or no later than August 15 for the fall semester, or two weeks prior to registration for the spring semester. If a student transfers for the second semester and finds a transcript cannot be issued in time, a statement from the dean of the previous college concerning the student's academic status will be accepted until an official transcript can be sent to UW-Eau Claire. **It is the student's responsibility to ensure that the proper supporting documents have been delivered to the Admissions office.**

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

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

Transfer of Credits

Credits earned at an institution accredited by a regional or national accrediting organization recognized by the Council for Higher Education Accreditation (CHEA) may be transferred and applied toward a degree from this University if they are appropriate to the curriculum into which the student is transferring. The Admissions office will prepare an evaluation or official list of transferred credits for the student. Appeal of the evaluation may be made through the Chair of the Department where the course resides, to the Dean of that College, and if necessary, to the Provost/Vice Chancellor. Students seeking a second baccalaureate degree or additional certification are not given an evaluation of credits; they report to the Associate Dean of the College for specific advising.

Associate degrees granted from University of Wisconsin System institutions (including the University of Wisconsin Colleges that meet the 1987 Board of Regents approved minimum requirements), satisfy the breadth requirements of UW-Eau Claire's general education program (see

General Education Requirements); however, competency requirements, levels of proficiency, and specific courses are still required. Because individual baccalaureate degree programs stipulate specific courses, students should be attentive to the requirements of an intended major in planning their General Education program.

In certain fields, credits that were earned more than ten years prior to admission or readmission may be invalid as degree credits.

Credit may be granted for post-secondary work at a foreign institution if the institution is recognized as a degree-granting institution by the country's Ministry of Education. Current recommendations of American Association of Collegiate Registrars and Admissions Officers and the National Association of Foreign Student Affairs are used to determine the amount and type of advanced-standing credit to be given.

Two-Year College Transfers

Students who transfer from the University of Wisconsin Colleges or from any other accredited community college may transfer up to 72 credits, including any credit earned at other institutions prior to transfer.

Transfer students may also be required to take general education courses at the upper division. Because individual baccalaureate degree programs stipulate specific courses, students should be attentive to the requirements of an intended major in planning their General Education program. Students planning to transfer with an Associate Degree are encouraged to consult, as early as possible, with the Associate Director of Admissions in the Admissions office.

Transfer of WTCS General Education Credits

UW-Eau Claire may accept in transfer and apply general education coursework within the areas of communications, behavioral sciences, social sciences, mathematics, and natural sciences from Wisconsin Technical College Systems (WTCS) programs leading to an applied associate degree.

UW-Eau Claire may accept in transfer, and apply on a course-by-course basis, occupational and technical coursework from WTCS programs leading to an applied associate degree.

If the general education coursework is not acceptable, students from WTCS institutions may earn credit by examination in those cases where UW-Eau Claire offers a course that is generally comparable in content or title to the noncollege parallel general education course. In order for noncollege parallel WTCS general education course credits to be considered for transfer to UW-Eau Claire, credit must have been earned after September 1989.

ADMISSION AS A SPECIAL STUDENT

Persons who have graduated from a recognized high school, or have the educational equivalent and demonstrate ability to succeed in college level work, but who are not interested in seeking a degree, may attend the University as special students. Admission criteria for special students are more flexible than for degree seeking students, and no formal admission is required prior to Special Student Registration. Each case will be considered on its own merits. Students interested in taking classes as a special student should inquire and apply in Registration Services.

Special students may enroll for a maximum of six credits (or two courses if credits exceed six) per semester, and must meet the academic standards of the University (see Academic Standing and Progress). Once an individual has earned 29 credits as a special student (including any transfer credit), he or she should make application for admission to the University. If enrollment management targets allow, the Director of Admissions may make exceptions to the requirement for those individuals who do not intend to seek a degree. Special students are not eligible for financial aid.

High School Special/Youth Options Program

High school juniors and seniors who rank in the top 25 percent of their class or who rank in the 50th to 74th percentile with an ACT composite of 24 or greater (or equivalent scores on SAT/PSAT/PACT) may enroll

as special students at the University. Gifted students who do not meet these criteria may be considered on an exception basis if they are able to document great ability in a specific discipline.

Students may enroll in courses with contents that are not available in the high school curriculum and for which they have the necessary prerequisites. For specific guidelines, contact the Admissions office.

The student must submit a Youth Options/High School Special form (available from the Admissions office or from local high school guidance counselors) and an official high school transcript showing current rank-in-class and test scores. All documents should be submitted to the Admission office by August 1 for fall semester, December 1 for spring semester, and May 1 for Summer Session.

Once admitted, Youth Options/High School Special students and other special students will be directed to the office of Advising and Academic Testing to meet with an adviser. Placement tests may be required before meeting with an adviser. All special students, including high school special students, are limited to six credits or two courses per semester and must meet the academic standards of the University (see Academic Standing and Progress).

Youth Option/High School Special students register during special student registration on a space available basis.

ADMISSION OF VETERANS

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

Veterans and certain eligible dependents may be entitled to educational benefits under various programs administered by the Veterans Administration (see Veterans Services Adviser, Schofield 128). Veterans and eligible dependents may obtain these benefits while pursuing a course of study at UW-Eau Claire. Students enrolled under these programs must carry 12 hours of credit during each semester of the academic year to be eligible for full-time allotments. Summer Session allotments are determined by class contact hours and total credits. Part-time and full-time study grants are available to eligible Wisconsin veterans.

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

1. Special Training Program: Veterans will be asked to submit official transcripts of their records. In granting credit, the University considers recommendation of the American Council on Education. No credit will be granted if such credit would constitute repetition of credit already earned.

2. High school graduation equivalency will be granted to veterans who meet General Education Development (GED) Test standards as outlined by the American Council on Education, provided such tests have been completed by the date of formal registration.

ADMISSION FOR RESIDENTS OF U. S. TERRITORIES

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

ADMISSION OF NONRESIDENT ALIENS

Nonresident aliens in the United States make application for admission in the same way as a U.S. citizen. Applicants must take a standardized examination prior to admission. Nonresident aliens admitted to the University must successfully complete English 110 or International Studies coursework determined to be appropriate. Students are required to provide copies of both sides of their resident alien card.

ADMISSION FOR INTERNATIONAL STUDENTS

The University welcomes qualified students from other countries. Applications are encouraged because of the reciprocal advantages that may accrue to the students themselves and to the University from an exchange of ideas.

International students must complete an international application for admission, document English proficiency by submitting a Test of English as a Foreign Language (TOEFL) score, and provide proof of financial

support by filing a Financial Statement for International Applicants. These forms are available from the Admissions office. Complete school records must be received before any consideration can be given to the applicant. In countries where a national testing program such as the General Certificate of Education is used, UW-Eau Claire must have the results of the test before a decision can be reached.

An English proficiency test is required of all applicants prior to a decision. The most appropriate one is the TOEFL, which is offered on computer throughout most regions of the world. In areas where access to computer-based testing is limited, a supplemental paper-and-pencil version of the test is administered. Applicants can contact TOEFL online at www.ets.org/toefl or by writing for information directly to TOEFL, Educational Testing Service, Box 6151, Princeton, New Jersey 08541-6151.

Because of the time needed to process an application and to secure a student visa, students are advised to file applications for the fall semester by June 1 and for the spring semester by November 1. Applicants filing after these dates may be considered on a case-by-case basis.

When there is no responsible American or international agency sponsoring the student, the individual student may be required to deposit a sum of money in the Business office one month prior to registration. Because costs and conditions are subject to change, the exact amount of the deposit and all information pertinent to it will be furnished to the student in the letter of acceptance from the University.

International applicants will not be able to secure any part of their finances through employment in the United States. The United States Immigration and Naturalization Service has ruled that an international student may not work off-campus while in the United States.

All international students in their first year at UW-Eau Claire are required to live in University residence halls during the academic year. Students must make provision for themselves during the summer break and vacation periods.

All enrolled international students will be required to subscribe to the Student Health Insurance Plan or to show comparable coverage through another agency or organization.

CONTINUING EDUCATION AND EXTENSION

The "Wisconsin Idea"

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

The University of Wisconsin-Eau Claire has long supported the Wisconsin Idea and the related idea of education as a process continuing throughout the lifetime of an individual. The University welcomes to the campus members of the community who wish to attend credit and non-credit courses for personal or professional reasons. Many campus resources and services are also available to community members.

Further information may be obtained from the Educational Opportunity Center (Old Library 2134), or Advising and Academic Testing (Schofield 226), or from the office of Continuing Education located at 210 Water Street, Eau Claire.

Special Students

Special Students are individuals who take classes for credit but are not pursuing a degree. For this reason no formal admission is required prior to Special Student Registration (see Admission as a Special Student). Because of the demand for some courses and limitations on enrollment, degree-seeking students will be given priority over Special Students. Special Students may take up to six credits (or two courses, if credits exceed six) per semester.

Auditing of Classes by Special Students

An auditor registers to attend a course and participate in class activities without earning credit (see Auditing Courses). Basic required

textbooks for use in undergraduate courses are furnished from the Instructional Resource Rental Department of the University Bookstore.

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

Board of Regents policy makes it possible for students to audit courses at reduced costs, as follows: Wisconsin residents under age 60 may audit classes by paying only 30 percent of the normal per credit academic fee, and nonresidents may audit by paying 50 percent of the nonresident academic fee. Residents of Wisconsin who are 60 years of age or older or who meet certain disability requirements may audit courses on a space-available basis at no charge for tuition. In all cases any special course fees or materials are additional. Individuals may audit six credits (or two courses, if credits exceed six) each semester, or may take one course for credit (at the normal per credit resident or nonresident fee) and another as an auditor during the same semester. Individuals meeting disability requirements should contact an adviser in Old Library 2136 for information.

Evening Study

Currently many classes are offered between the hours of 4:00 p.m. and 10:00 p.m. Late afternoon and evening courses are denoted with an asterisk (*) next to the meeting time in the Class Schedules.

University of Wisconsin-Extension

To increase the availability of educational opportunities both on and off campus, the University of Wisconsin-Eau Claire and University of Wisconsin-Extension cooperate in providing noncredit continuing education programs and credit courses designed for the public. Information about current offerings may be obtained from the Office of Continuing Education at 210 Water Street, Eau Claire, online at www.uwec.edu/ce, (715) 836-3636, or toll-free (866) 893-2423.

Continuing Education – Connecting Campus and Community

UW-Eau Claire Continuing Education, in partnership with UW-Extension, enriches family, community, and economy through accessible education for people of all ages.

Life-long Learning

Continuing Education addresses the needs of community learners through credit and noncredit courses designed for non-traditional students of all ages.

Credit courses count toward University residency requirements in all degree programs. Continuing Education develops credit courses for off-campus locations when sufficient enrollment and staff are available. Interested individuals or organizations should contact Continuing Education.

Noncredit courses and other services include:

- professional development programs for educators, health care and human services professionals, and business people.
- counseling, information, and training through the Small Business Development Center and the Wisconsin Entrepreneurial Network.
- youth development programs that introduce, enrich, enhance, and develop children's skills and knowledge in leadership, language, visual and performing arts, science, and math.
- partnerships with school districts and CESAs that provide educational opportunities for area youth.
- academic and social preparation of high school students for collegiate-level coursework through Pre-college and Youth Options programs.
- professional development opportunities for nonprofit professionals.
- personal enrichment and travel opportunities for the community.
- customized learning opportunities on the basis of business, organization, and community needs and interests.

Expenses

FEES

The fees and procedures described in this section are estimates. Prospective students should refer to the Class Schedule, which will contain links to up-to-date information about fees. Fee information can be found on the Business office homepage at: www.uwec.edu/bussvs/busoff.

The payment of fees entitles a student to a student identification (ID) card. This card entitles the student to attend most University activities and to make use of University facilities (see Student Handbook and Bugold Card Services section). Undergraduate students receive most of their required textbooks on a rental basis (see Textbook Rentals).

TUITION AND RESIDENCY

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

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

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

MINNESOTA-WISCONSIN TUITION RECIPROCITY

The current reciprocity agreement between Minnesota and Wisconsin enables Minnesota residents to attend Wisconsin public institutions of higher education at rates approximating tuition prevailing in the Minnesota State University System. Those wishing to take advantage of this tuition remission must apply well in advance of their initial enrollment at a Wisconsin System institution. Approval covers the full year (including Summer Session) and is automatically renewed each year for the campus initially approved. Information is available from the State of Minnesota Office of Higher Education Reciprocity Program, 1450 Energy Park Drive, Suite 350, St. Paul, MN 55108-5227. Phone: (651) 642-0567 or toll-free (800) 657-3866. Assistance in obtaining application forms is available at Minnesota high schools. Students may print an application or apply for reciprocity online at: www.getreadyforcollege.org.

MISCELLANEOUS FEES

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

FEE SCHEDULE

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

	Resident	Non-Resident
Undergraduate	\$ 4361	\$ 8356
Graduate	\$ 4438	\$ 9427
Room and Board	\$ 3121	\$ 3121

Undergraduates taking more than 18 credits are assessed an additional per credit fee. Please refer to the Class Schedule for up-to-date fee information.

EXCESS CREDITS SURCHARGE

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

PARTIAL PAYMENT PLAN

A down payment is required to enter the Partial Payment Plan and must be received by the University Cashier no later than the date published in the current Class Schedule for each term. In addition, all students must sign and return a Payment Plan Agreement/E-Mail Authorization form each term. Installments will be due according to the published schedule and will be subject to a finance charge on the unpaid balance (see current Class Schedule for due dates and finance charge rate). Failure to make installment payments on time will result in a hold on academic records and on registration for future terms.

REFUND OF FEES

Refunds may be made as the result of withdrawal from the University or a reduction in the number of enrolled credits. Requests to withdraw from the University must be made in writing on the form provided by the Dean or Associate Dean of the appropriate College. In determining the academic withdrawal date, the University will use the date that the student notified the College of his or her withdrawal. The date of withdrawal for refund purposes will be determined by the Business office. The dates and corresponding amounts of refund entitlement will be as stated in the Class Schedule. A credit balance of less than \$3.00 will not be refunded unless requested.

REFUND OF ROOM AND BOARD PAYMENTS

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

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

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

DEPOSITS

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

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

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

Financial Aid

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

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

HOW TO APPLY

Students must complete the Free Application for Federal Student Aid (FAFSA) each year in order to apply for all need-based programs as well as for the Direct Unsubsidized Ford Loan, the Parent Loan for Undergraduate Students, and the Grad PLUS Loan. Students should apply online at: www.fafsa.ed.gov. MyBlugold is a resource for specific information about current financial aid status and financial aid disbursed on students' accounts.

DEADLINES

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

A separate financial aid application is required of students attending Summer Session, available through MyBlugold.

ENROLLMENT STATUS

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

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

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

STANDARDS OF SATISFACTORY ACADEMIC PROGRESS FOR FINANCIAL AID

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

- minimum GPA,
- minimum credits completed, and
- maximum time frame.

Standard for Grade Point Average

Students need to maintain a resident GPA of 2.00.

Standard for Minimum Credits Completed

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

Standard for Maximum Time Frame

Undergraduate students may receive financial aid for a maximum of 180 attempted credits when enrolled in degree programs which have a published minimum requirement for graduation of 120 credits. A degree program that requires more than 120 credits is an exception, and financial aid may be further extended. An additional 90 credits of financial aid eligibility is allowed for undergraduate students seeking a second degree. Graduate students are allowed 54 credits.

Monitoring Procedures and Reestablishment Options

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

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

SCHOLARSHIPS

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

UW-Eau Claire Foundation, Inc., Scholarships and Other Named Scholarships and Awards: UW-Eau Claire Foundation awards more than \$1 million in scholarships each year to UW-Eau Claire students. Detailed information on scholarships is available at: www.uwec.edu/finaid/scholarships/index.htm.

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

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

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

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

GRANTS

A grant is gift assistance and does not have to be repaid. Various grants are awarded to students who establish a high financial need as determined by federal and state guidelines. These grants include:

Federal Pell Grant: The Federal Pell Grant is a federal aid program designed to be awarded to high-need students. It may be combined with other forms of aid in order to meet a student's total financial need.

Blugold Commitment Grant: These university funds are used to defray the cost of the attendance for high need students.

Bureau of Indian Affairs (BIA): Native American students with one-fourth or more American Indian blood, as certified by the appropriate Indian Agency, may be eligible for BIA funds. Students should contact their respective tribes and the UW-Eau Claire Financial Aid office to obtain proper application materials and instructions.

Federal Supplemental Educational Opportunity Grant (SEOG): This federal grant program is available to students establishing an exceptionally high financial need. It is used to supplement other types of aid in meeting a student's total financial need.

Wisconsin Higher Education Grant (WHEG): Wisconsin Statutes provide for the awarding of grants to residents of the state who can establish a high financial need. The value of these awards will vary with the financial need of each recipient.

Students who are not Wisconsin residents should contact the agency in their home state regarding the availability of state grant monies for attendance at out-of-state schools.

Wisconsin Indian Assistance (WIA): Native American students who are residents of Wisconsin and have one-fourth or more American Indian blood, as certified by the appropriate Indian Agency, are eligible for Wisconsin Indian Assistance funds if they show a financial need. Blood certification and WIA eligibility will be required only once; after a student has received an initial award at UW-Eau Claire, eligibility will continue, based upon an annual evaluation of financial need.

Lawton Undergraduate Diversity Retention Grant: These grants are awarded to under-represented ethnic minority students who demonstrate financial need, are Wisconsin or Minnesota residents, and have completed their freshman year with a resident GPA of 2.00 or higher. These grants are intended to improve students' opportunities for retention and graduation and lessen their burden of student debt.

Talent Incentive Program (TIP): These are need-based grants available to low-income Wisconsin residents. Students may receive up to \$1,800 per year for a maximum of five years. Students must complete an application for TIP which includes additional selection criteria. For an application or additional information, contact the UW-Eau Claire Financial Aid office or your local Wisconsin Educational Opportunity office.

LOANS

Federal Direct Subsidized Ford Loan: Degree-seeking students who are enrolled at least half-time and who demonstrate financial need are eligible. Depending on need, students may borrow up to \$3,500 as a freshman, \$4,500 as a sophomore, and \$5,500 as a junior or senior, not to exceed a total of \$23,000 as an undergraduate. There is no interest charged while the student is enrolled at least half-time. Six months after leaving school, or falling below half-time, the borrower begins payment.

Federal Direct Unsubsidized Ford Loan: These loans are available to students who may not qualify for any, or may qualify for only part, of the regular (subsidized) Federal Direct Loan. In any year, the combined amounts of subsidized and unsubsidized Federal Direct Ford Loans

cannot exceed the loan limits for that grade level. A dependent student may borrow up to the potential grade level listed above plus a potential \$2,000 per year. An independent student may borrow up to the potential grade maximums listed above plus a potential \$6,000 for freshman and sophomores and \$7,000 per year thereafter as an undergraduate, and a potential \$12,000 per year as a graduate student.

This loan allows students to defer making payments on the principal of the loan while they are in school, but students are responsible for paying the interest on the loan once the money is disbursed. Students can choose to either pay the interest while they are in school or have it added to their principal to be repaid after they are no longer in school, understanding that allowing the interest to accumulate may be an expensive option.

Federal Perkins Student Loan: This federal loan program is available to high need students to help meet remaining educational expenses after the student has received the maximum Ford loan.

Federal Direct Parent PLUS Loan: This loan is available to parents of dependent undergraduate students. The maximum loan amount is the difference between the cost of attendance and other financial aid received. Financial need is not a criterion.

Repayment on principle and interest begins within sixty days of the final disbursement. The interest rate for new loans is fixed at 7.9 percent. Federal Direct Parent PLUS Loan applications are available online at the Financial Aid website. The Federal PLUS Direct Graduate Loan is also available to graduate students.

Student Educational Loan Fund (SELF): Minnesota residents who have first exhausted other sources of financial aid may apply for the SELF loan. Undergraduate and graduate students may borrow up to \$10,000 per year. The interest rate may vary quarterly throughout the life of the loan, and a credit worthy co-signer is required. Quarterly payment (interest only) begins 90 days after disbursement, and continues as long as the student is properly enrolled. At termination of study, monthly payment (interest only) begins and continues for up to 12 months. On the 13th month out of school, monthly payments of both principal and interest begin or the student may make two additional years of interest-only payments. Students interested in obtaining this loan should contact the Financial Aid office or consult the Financial Aid Web site at: www.uwec.edu/finaid/aid/SELFLOAN.htm.

Short Term Loans: An endowment fund in excess of \$300,000 was established, and the interest income is available for short-term loans to students. Loans must be used for educational-related expenses and typically do not exceed \$500. Loans are to be repaid within four weeks with no interest or service charges.



Ombudsman

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

EMPLOYMENT OPPORTUNITIES

Employment opportunities are available through the University and in the local community. Available positions are posted on the UW-Eau Claire Financial Aid Web site under Student Employment.

Work-Study and University Employment: The University provides both Federal Work-Study (FWS) and University-sponsored employment opportunities for students. FWS is available for students who demonstrate financial need, and eligibility for this program must be obtained before beginning employment. FWS positions offer a wide range of opportunities and are available in most departments across campus. Community service placements are also an option under FWS. In addition UW-Eau Claire offers a substantial University-funded student employment program, referred to as Non-Federal student employment. All currently enrolled students are eligible to seek employment in the Non-Federal positions, and financial need is not a criterion for employment.

Off-Campus Employment: Many positions are available in the local community. Employers often call the University to list job vacancies, and those positions are posted on the online Job Board. Over 400 students are placed in community employment through these listings each year.

RETURN OF FINANCIAL AID FUNDS WHEN A STUDENT WITHDRAWS

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

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

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

The specific repayment priority is:

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

Examples of the refund calculations are available in the Financial Aid office. Actual, individualized calculations are done in the Business office.

For state funds, institutional funds, and outside resources:

Financial aid received from state, institutional, and outside resources

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

1. State aid programs
2. Institutional programs
3. Outside financial aid resources, if appropriate
4. Student

Credit Drop (but not withdrawal from the University)

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

FUNDS FOR PURCHASING A COMPUTER

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

ADDITIONAL SOURCES OF FINANCIAL ASSISTANCE

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

Veterans Administration Grants, G.I. Bill Benefits, National Guard Tuition Grants, Wisconsin Veterans Grant, Veterans' Work Study: A Veterans Counselor is available in Schofield 128 for students seeking information or assistance with these programs.

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

UW-EAU CLAIRE FOUNDATION SCHOLARSHIPS AND AWARDS

Each year, the UW-Eau Claire Foundation provides nearly \$2 million in scholarships, grants, and awards to UW-Eau Claire students. Several hundred different awards are available, all provided through the generosity of alumni and friends of the university.

Information about the various scholarships, including amounts, award criteria, and application and awarding deadlines is available on the Financial Aid office website, under "Scholarships." Each scholarship has different eligibility requirements, so check the information on each scholarship in which you are interested. Awards are listed alphabetically by title and also by department. Follow the application instructions for each award. For more information about a specific scholarship or the application procedure, contact the department responsible for the award as listed in the criteria on the website. For other scholarship related questions, contact the Financial Aid office, at (715) 836-3373 or finaid@uwec.edu, or Kelly Olson, Foundation Scholarship Coordinator, at 715-836-4045 or olsonke@uwec.edu.

NATIONAL MERIT SCHOLARSHIP

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

Instructional Support 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.

The **William D. McIntyre Library**, occupying a six-level structure in the center of the campus, is open 112 hours each week during fall and spring semesters. Its study facilities are designed to create an inviting atmosphere with lounge seating, individual carrels, student group study and faculty research study rooms. The library online system provides access to its collections of more than 592,690 bound volumes, 250,952 government publications, and 1,063,921 units of microform materials. The library currently subscribes to 910 periodicals in print form and provides access to more than 34,700 full-text electronic journals. Special facilities and collections include the following:

The *Reference Collection* on the first floor of the library provides an extensive collection of reference materials in both print and electronic form. Public access computers in this and other locations in the library provide access to more than 168 electronic databases (also available from off-campus), the library's catalog, and virtually all university-supported software. Librarians, staff, and students provide research assistance to students, visitors, and faculty at the Information desk located on the first floor.

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

The *Instructional Media Center* houses collections of materials that support the University's education and other programs. In addition to print collections of elementary and secondary curriculum materials, the center provides facilities for listening to and viewing all types of media, including videocassettes, compact disks, DVDs, and CDs.

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

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

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

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 Web site at: www.uwec.edu/lts.

LTS Help Desk

In addition to providing effective and responsive resolution of information technology questions through telephone, e-mail, 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



Special Academic Programs

FRESHMAN EXPERIENCE COURSES

In addition to the New Student Orientation Program, the University offers new freshmen a semester-long orientation to the University which is incorporated into specially designated "Freshman Experience" courses. New freshmen are invited to include one of these courses in their class schedules during their first semester at UW-Eau Claire.

Freshman Experience courses are small, with about 20 students per section, providing a "home base" where students learn not only about the subject matter of the course but also about the University and community. Students have the opportunity to work closely with the course instructor and a senior student mentor. The courses engage students in critical thinking, reading, and writing, and in independent and collaborative projects with classmates. They help students to understand the value of a liberal education. Through participation in out-of-class activities, students learn about the rich variety of informational, artistic, and recreational programs available at the University.

COMMANDING ENGLISH PROGRAM

The Commanding English Program (CEP) is a collaborative effort between the Academic Skills Center (ASC) and the College of Arts and Sciences. It is coordinated by the ASC staff with support from Advising and New Student Initiatives, Admissions, Multicultural Affairs, Student Support Services, and a variety of academic departments. The CEP is a transitional academic program designed to assist U.S. bi-cultural students in developing academic English and learning strategies and to help them integrate into the University of Wisconsin-Eau Claire community. In addition to one or two courses chosen with the help of an academic adviser, students take credits as a learning community with a core of faculty and academic staff working closely together to coordinate the curricula and guide student success. Out-of-class activities, one-on-one tutoring and mentoring, service-learning opportunities, and individual contact with instructional and support staff enhances student success. Students are admitted into the two-semester program as a condition of admission. Further information may be obtained from the Admissions office. Visit the Web site at: www.uwec.edu/CEP.

COLLEGIATE BRIDGE PROGRAM

The Collegiate Bridge Program, coordinated by the Academic Skills Center, is a one-year academic support program that provides small classes and a structured introduction to the university to first year students. Participants are admitted to the University of Wisconsin-Eau Claire through the Collegiate Bridge program because they demonstrate the potential to succeed and may need additional support as they transition to college. Students take a common Humanities or Social Science course, a college success course, and other courses they choose with the help of an academic advisor. Further information can be obtained from the Admissions office, the director of Collegiate bridge, or the Collegiate Bridge Web site at: www.uwec.edu/ASC/programs/collegiatebridgeprogram.htm.

DEVELOPMENTAL EDUCATION PROGRAM

The Developmental Education Program, coordinated by the Academic Skills Center, provides courses designed to strengthen students' college level learning strategies and critical thinking skills. It also serves to familiarize students with a wide range of academic support services and increase academic self-confidence. Students in selected developmental courses experience the immediate benefits of applying the skills and strategies learned to linked introductory-level courses. These courses are designed to meet the needs of students who are entering college with concerns about their academic learning strategies and are available on a preassigned basis. Further information may be obtained from the Coordinator for Developmental Education. Visit the Web site at: www.uwec.edu/asc/programs/courses.htm.

RONALD E. MCNAIR POSTBACCALAUREATE ACHIEVEMENT PROGRAM

The Ronald E. McNair Postbaccalaureate Achievement Program, a TRIO program of the U.S. Department of Education, assists eligible upper-division students to prepare for and enter graduate school to pursue research-based doctorates. Targeted to academically talented first-generation students from low-income families, and students from groups underrepresented among doctoral recipients, the McNair Program includes two years of intensive mentoring, specialized curricular and co-curricular offerings, collaborative research, and internship opportunities. McNair Scholars who desire to become college professors and/or researchers learn to appreciate, support, and undertake collaborative research. They gain an interdisciplinary and historical perspective on the American research community and become familiar with career opportunities and the professional climate of the Academy. Each year 10 to 12 new Scholars are chosen by means of a faculty nomination process. Visit the Web site at: www.uwec.edu/mcnair.

UNDERGRADUATE RESEARCH

UW-Eau Claire is the Center of Excellence for Faculty and Undergraduate Student Research Collaboration. Many students work with a faculty mentor in their discipline to engage in scholarly projects. Results of these projects are presented on-campus on Student Research Day each spring, and many are also shared at professional conferences or through publication. Students involved in these activities develop a host of skills that prepare them for graduate studies and/or professional employment. Through the Blugold Commitment Differential Tuition program, funding is available to support student participation in research and scholarly projects that result in creative works. For more information, contact the Office of Research and Sponsored Programs (Schofield 17) at 715 836-3405 or visit the website at www.uwec.edu/ORSP/students/index.htm.

NATIONAL STUDENT EXCHANGE

The National Student Exchange (NSE), a consortium of more than 200 state supported colleges and universities, allows students to attend school in another area of the United States for up to one academic year. In bringing together students from different parts of the country, the program encourages participants to broaden their academic, social, and cultural awareness. Through a simplified admission process, students are able to enroll at their host universities and pay tuition at UW-Eau Claire. Grades and completed coursework are incorporated into the student's UW-Eau Claire transcript, and are considered resident credit.

To qualify, a student must (1) be currently enrolled as a full-time undergraduate student at UW-Eau Claire in the term prior to exchange; (2) have a minimum 2.50 GPA; (3) be in good academic, personal, and financial standing at UW-Eau Claire; and (4) have 30 credits or more.

For more information about this opportunity for study in a new environment within the United States, Canada, Guam, the Virgin Islands, or Puerto Rico, contact Student Affairs and Dean of Students Office (Schofield 240) or visit their Web site at: www.uwec.edu/DOS/programs/nse/index.htm.

STUDY ABROAD PROGRAMS

The University academic community strongly encourages students to live and study abroad. Such an experience contributes to an international perspective which is an essential part of a university student's education for life in the 21st Century.

Organized study abroad programs offer UW-Eau Claire students the experience of living in another cultural setting while continuing to pursue their immediate educational goals. To ensure that courses taken abroad will be appropriate to their academic programs at UW-Eau Claire, students should begin to plan for international study as early as possible, in consultation with their major adviser(s) and the Study Abroad Coordinators.

To participate in international programs, students must be in good academic standing and meet program eligibility requirements. Credits and grades earned in UW-Eau Claire programs abroad are resident credits and are applied directly to the student's record. Students participating in semester or year-long international programs are required to carry a minimum credit load of 12 hours per semester. The following programs are offered on a regular basis. They are more fully described in this catalog under International Studies (College of Arts and Sciences):

Australia. (1) Direct exchanges and study abroad for one semester or the calendar year with Southern Cross University in Lismore. (2) One semester or the calendar year also available at Murdoch University in Perth.

Austria. One semester or academic year exchange with the University of Graz. A minimum of two years of college-level German is required. Scholarships sponsored by the Viennese Ball Committee are available to support students.

Costa Rica. (1) Spring semester program where students take two Spanish language courses and two courses with a Latin American Studies focus taught in English. Students live with host families and complete a two-week service project in a rural village. The program is for beginning through intermediate students of Spanish; no prior Spanish language is required. (2) Summer program offered for Nursing and Health Care Professions students. Students take a medical Spanish course at the appropriate level and an Introduction to the Costa Rican Medical System course in English. Students live with host families. Visits to urban and rural health care facilities are included in the program.

Costa Rica/Nicaragua. Fall program offered in conjunction with CEIDEPRO in Bagaces, Costa Rica and Granada, Nicaragua. Students will take two Spanish language courses and two courses with a Latin American Studies focus. They will live with host families in both countries and complete a two-week service-learning project. The program is for beginning through advanced students of Spanish; no prior Spanish language study is required.

France. Spring semester or academic year program in Pau, France. Courses in French language and culture. Students live with host families or in residence halls. Three semesters of French is required.

Germany. (1) Spring semester program at of the Studienkolleg Mittelhessen at the University of Marburg. Courses in German language and culture offered by University of Marburg German instructors. Students live in university residence halls. Minimum of three semesters of German language study is a prerequisite. (2) Various year-long or spring-only exchanges available in the German state of Hessen through the Hessen-Wisconsin exchange. Locations include Darmstadt, Frankfurt, Fulda, Giessen, Kassel, Marburg, and Wiesbaden.



Global Student Teaching. Student teachers can complete half of their student teaching abroad. Global Student Teaching (GST) offers qualified students the opportunity to teach in English in 42 countries located in every region of the world: Africa; Asia; Europe; the Middle East; and Central and South America. UW-Eau Claire students have taught in Australia, Costa Rica, Czech Republic, England, New Zealand, and Thailand.

Great Britain. (1) Fall or spring semester program at Harlaxton College near Grantham, England. British studies and other courses offered by U.S. and British faculty. (2) One semester or academic year at University of Winchester, Winchester. (3) One semester or academic year program at Lancaster University. Humanities, health sciences, social sciences, business. (4) One semester or academic year at the University of Aberdeen, the University of Glasgow, or the University of Stirling, Scotland. Summer options at Aberdeen and Stirling.

Greece. Fall, spring, or academic year program at American College Thessaloniki (ACT), Greece. ACT is known for its business courses, although there are limited humanities courses offered. All courses are taught in English. Students live in residence halls.

Ireland. One semester or academic year at University of Limerick. Business, sciences, Irish studies, humanities, and social sciences. Students live in residence halls.

ISEP-Direct. ISEP is the world's largest network for post-secondary institutions cooperating to provide international educational experiences for their students. UW-Eau Claire is an ISEP Affiliate member, which gives our students access to ISEP-Direct. ISEP-Direct programs are fee-paid study abroad programs that provide study opportunities to select ISEP institutions outside the United States. UW-Eau Claire currently works with ISEP-Direct sites in Botswana, Bulgaria, Chile, China, Czech Republic, Ghana, India, Italy, New Zealand, South Africa, Spain, Thailand, and Uruguay through ISEP-Direct. ISEP-Direct programs are a good choice for students who are independent, flexible, and adventurous.

Japan. (1) Direct exchange for one or two semesters with Kansai Gaidai University near Kyoto. Housing is in dormitories or with Japanese families. Asian studies, business, Japanese language, and other courses available. (2) 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.

Latvia. This fall semester program is offered in cooperation with the International Relations Office of the University of Latvia. Students may enroll in a variety of courses taught in English in the Baltic Study program or other University departments. Russian and Latvian language courses are also available. Students live in dormitories.

Mexico. Students may study at Tec de Monterrey campuses in two locations (Monterrey and Queretaro) for a semester or a full academic year. Five semesters Spanish required, except for business majors taking business courses/internships in English in Monterrey.

South Africa. Five-week summer program at Stellenbosch University. A wide array of courses is available to students in this program.

South Korea. The University of Wisconsin-Eau Claire program in Suwon, South Korea is offered in cooperation with Ajou University, which is recognized as one of the top 10 universities in South Korea. Ajou University provides an excellent six-week international summer program in Korean/Asian studies and international business to international students. All courses are taught in English. Students live in dormitories.

Spain. Fall or Spring semester program with the University of Valladolid. Spanish language and culture courses taught by Spanish professors. Housing is with Spanish families. Five semesters of Spanish language study is a prerequisite.

Sweden. One- or two-semester exchange program with Växjö University in Växjö. Courses taught in English in business and intercultural communications. Housing is in dormitories.

Thailand. (1) Six-week summer program in ethnic/Hmong studies and sustainable development, offered in conjunction with Payap University in Chiang Mai. Field visits, homestays in Hmong villages, and various cultural activities around Chiang Mai included in program. (2)

Direct exchange and study abroad for one semester or the academic year at Payap University in Chiang Mai, Thailand. Students enroll in the Thai and Southeast Asian Program where they study Thai language and area studies. Area studies courses are taught in English and include the following disciplines: anthropology / sociology, religion, history, and fine arts. Students live in university housing.

Some grants are available to support study abroad. UW-Eau Claire students accepted to UW-Eau Claire study abroad programs may apply for UW-Eau Claire Foundation Study Abroad Grants prior to departure for their program and for Haas or Joyal/Alexander Fellowships upon their return. Wisconsin residents may apply for Wisconsin Study Abroad Grants. Regular financial aid may be used on UW-Eau Claire programs.

Further information and assistance with study abroad programs are available from the Center for International Education (Schofield 3).

EDUCATIONAL AND COMMUNITY SERVICES

Human Development Center

The Human Development Center (HDC) is an interdisciplinary clinic working with individuals and families from western Wisconsin. Under the direct supervision of faculty supervisors, student clinicians from Communication Sciences and Disorders, Education Studies (Reading), Nursing, Psychology, Special Education, and Social Work provide assessment, intervention, and consultation services to children, adolescents, young adults, and families. The HDC also sponsors research programs involving academic assessment and intervention, behavioral health, and child and school psychology.

Psychological Services Center

The Psychological Services Center, a clinic staffed by faculty members from the departments of Psychology and Social Work, is located in the HDC. The center provides psychological and family assessment, parent training, and academic and behavioral consultation services to clients. Allied disciplines also participate in the center, providing a variety of consulting services, including health, education, and assessment.

Lac du Flambeau Service-Learning Project

Since 1995, the HDC has sponsored a unique and valuable service-learning experience for UW-Eau Claire undergraduate students. Approximately 30 undergraduate and four graduate students per semester travel to the Lac du Flambeau American Indian Reservation in northeastern Wisconsin. On two separate overnight trips, students learn about the Lac du Flambeau people by visiting tribal museums, working in the Lac du Flambeau Head Start program and public school, and interacting with American Indian children and families. The program requires students to participate in a two-day orientation trip and then a two-day follow-up trip later in the semester. Participation can count toward students' service-learning requirements.

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 in the HDC with student clinicians also providing services in local elementary schools.

Center for Communication Disorders

The Center for Communication Disorders provides diagnostic and intervention services to clients ranging in age from infants to the elderly. Graduate and undergraduate student clinicians, under faculty supervision, work in the clinic with clients who have communication disorders of all types including problems with voice, stuttering, speech sound production, hearing, and language. The Center is located on the first floor of the Human Sciences and Services building and provides services at low cost to clients. Fees may be adjusted upon the recommendation of a faculty supervisor. Services are provided free of charge to UW-Eau Claire faculty, staff, students, and their immediate family members. Contact Angela Sterling-Orth at (715) 836-4186 for additional information or to make appointments.

Undergraduate Studies

OFFICE OF UNDERGRADUATE STUDIES (Schofield 208)

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

The area of Undergraduate Studies encompasses the following offices that support students in their academic success and reaching their full potential: First Year Experience, University Honors Program, International Education, McNair Program, the Center for Service-Learning, and University Assessment.

Undergraduate Studies provides assistance to all students including nontraditionally aged students, ethnic minorities, students with disabilities, low income students, and first generation college students.

The Office of Undergraduate Studies is located in Schofield 208A, (715) 836-4353, fax (715) 836-2902, or visit the Web site at: www.uwec.edu/undergrad/index.htm.

ACADEMIC SKILLS CENTER (Old Library 2112)

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

The Developmental Education, Collegiate Bridge, and Commanding English Programs are coordinated by the Academic Skills Center. (see descriptions under Special Academic Programs).

ADVISING AND NEW STUDENT INITIATIVES (Schofield 226)

Advising: Students who have not yet chosen a major (undeclared) are assigned advisers in the Advising office. Students can expect their advisers to help them develop academic and career goals based on their interests and abilities; assist them in choosing courses that explore various majors while keeping their curricular options open; and clarify university policies and procedures. They can also expect advisers to be knowledgeable about a wide variety of campus resources and to refer them when appropriate.

Students with declared majors or who are "between majors" can also see advisers in Advising for general information on university policies, requirements, and resources. The transfer advisers work with transfer students regardless of major to help them understand policies and procedures related to transferring. The transfer advisers review the transfer course evaluations for all transfer students to identify issues students need to address to best use their transfer work to meet UW-Eau Claire's requirements. Visit the Web site at: www.uwec.edu/advising.

Academic Testing: The testing area administers English, mathematics, and foreign language placement tests for the University, as well as a number of national tests, including the ACT, PPST, PRAXIS II, and most graduate admission tests. Academic Testing also serves as an Educational Testing Service computer-based testing site, offering the GRE, PPST, and TOEFL exams. It also administers the College Level Examination Program (CLEP). Advanced Placement results are also processed by this office. Visit the Web site at: www.uwec.edu/testing.

New Student Orientation: All new freshmen and transfer students are expected to participate in a New Student Orientation program prior

to registering for classes. One day sessions for new freshmen who are starting in the fall semester are held in June and early July, with a final session in late August. New freshmen starting in January attend a session the week before classes begin.

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

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

Questions regarding orientation programs should be addressed to the Assistant Director for New Student Orientation and Student Transitions in the Advising and New Student Initiatives office. Visit the Web site at: www.uwec.edu/orientation.

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

BLUGOLD FELLOWSHIP PROGRAM (Phillips 233)

The Blugold Fellowship program recruits high school students to come to UW-Eau Claire. The fellowships are awarded to incoming freshman based on merit and include a scholarship and work-stipend. The program places the students into research environments in order to expose them to scholarship early in their university careers, and highlights the opportunities available at UW-Eau Claire, including those provided through the UW System Center of Excellence for Faculty and Undergraduate Student Research Collaboration. Visit the Web site at: www.uwec.edu/blugoldfellows/.

CAREER SERVICES (Schofield 230)

Career Services assists students with their career exploration and development from the time of their orientation to the university, into their alumni years. Specific services include: career counseling, career assessments, internship opportunities, resumé and cover letter development and assistance, interview preparation assistance, campus interviews, and graduate school admission assistance. Visit the Career Services Web site at: www.uwec.edu/career for more information. Various phases of a student's career development and accompanying programs are addressed as follows:

Career Exploration and Development: Career Services offers individual career counseling, career testing, programming, and information to assist students with their career decision-making. Students meet with a career counselor or visit the Career Discovery Center to learn more about their majors and how it relates to a future career. An alumni-network is also designed to connect students with professionals in their chosen fields.

Career Discovery Center: An interactive and self-directed resource area combines online and current hardcopy resources to assist students during all phases of their college career. Included is information on career options, internship information, graduate school information, employer directories, and resumé, portfolio, and interview preparation resources. Trained Career Associates in the Career Discovery Center are available to assist students to find and use the materials and resources. The Career Discovery Center is available to all students from 8:00 a.m.-4:30 p.m., Monday through Friday.

Internship Center: Resources to find internships are available at Career Services. Internships are valuable experiences for students. Students are given an opportunity to test career choices, improve their basic work skills, and develop professional competence. Students may earn money or receive academic credit as part of the internship program. Students who participate in at least one internship receive higher GPAs when they return to the classroom, receive higher salary offers upon graduation, secure employment faster, and report greater job satisfaction.

Blugold CareerLink: Blugold CareerLink is an online jobs and internship search database used by UW-Eau Claire students and alumni. Employers who choose UW-Eau Claire as a primary institution to assist in meeting their workforce needs post full-time and internship positions. Students can search for opportunities and apply for these positions. They can also participate in on-campus interviews and receive invitations to employer information sessions. Verified employers are able to view students' resumé and contact them directly regarding opportunities.

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

- Career Conference — fall semester
- Explore Your Possibilities — fall semester
- Graduate School Fair — fall semester
- Internship Mania — spring semester
- Job Search Bootcamp — spring semester
- Nursing and Health Care Professionals Fair— fall semester

These events bring together students, faculty, and employers who meet and discuss career and internship opportunities in an informal setting. Over 500 professionals representing a wide variety of organizations are represented at these fairs.

On-Campus Recruitment Program: More than 200 employers visit the campus each year to interview students interested in internship and full-time professional positions. All interviews are coordinated and arranged at the Career Services office.

Additional information about these and other career development and post-graduation resources and services can be found at Career Services, Schofield 230. Or check out the Career Services Web site at: www.uwec.edu/career.

FIRST YEAR EXPERIENCE (Schofield 208)

All new freshmen at UW-Eau Claire have the opportunity to take a First Year Experience (FYE) course to assist them to make a successful transition to college life. These are small sections of regular university courses (English composition, math, biology, sociology, history, etc.) that are open only to freshmen. Each class has a student mentor as well as an experienced faculty member eager to help students in their adjustment to college.

Students meet their FYE instructor and fellow classmates during Phase II Orientation prior to the start of classes in the fall. This casual atmosphere helps students make connections with their FYE classmates, instructor, and mentor.

Students in FYE classes participate in out-of-class activities together. These vary, but can include educational events such as forums, concerts and plays, or fun activities such as bowling or pizza parties.

HONORS PROGRAM (Schneider 209)

The University Honors Program enables high-achieving, high-potential, highly motivated students to go as far in their intellectual and professional development as possible in four years of undergraduate study. The program offers an enhanced education, enabling students to integrate Honors General Education courses, Honors interdisciplinary seminars, Honors work in their major and minor programs, and Honors experiential learning opportunities into a coherent, high-value, individualized whole. Upon successful completion of departmental or college Honors work, the student will receive the designation of departmental honors on his/her official transcript and a special notation in the graduation ceremony program.

INTERNATIONAL EDUCATION (CENTER FOR) (Schofield 3)

The Center for International Education makes study abroad available to every UW-Eau Claire student. We strive to make study abroad affordable and connected to the curriculum to allow students an academic experience abroad without adding unnecessary time to their graduation goals. With study abroad programs on every populated continent, nearly 25 percent of UW-Eau Claire students choose to take part in the life-changing experience of living and learning in another country, and in another culture.

The Center for International Education also welcomes students and scholars from throughout the world. Hosting students from nearly 50 nations, the University creates a global community in western Wisconsin. The Center for International Education offers many exciting programs that promote cross-cultural learning; these include the Host Friend Program, the Peer Guide Program, and the International Folk Fair.

The Center for International Education also coordinates the University's Intensive English Program, delivering a wide range of non-credit English as a Second Language courses to both degree-seeking and non-degree seeking international students and faculty.

RONALD E. McNAIR POSTBACCALAUREATE ACHIEVEMENT PROGRAM (Old Library 2134)

The Ronald E. McNair Postbaccalaureate Achievement Program, a TRIO program of the U.S. Department of Education, assists eligible upper-division students to prepare for and enter graduate school to pursue research-based doctorates. Targeted to academically talented first-generation students from low-income families, and students from groups underrepresented among doctoral recipients, the McNair Program includes two years of intensive mentoring, specialized curricular and co-curricular offerings, collaborative research, and internship opportunities. McNair Scholars who desire to become college professors and/or researchers learn to appreciate, support, and undertake collaborative research. They gain an interdisciplinary and historical perspective on the American research community and become familiar with career opportunities and the professional climate of the Academy. Each year 10 to 12 new Scholars are chosen by means of a faculty nomination process. Visit the Web site at: www.uwec.edu/mcnair.

SERVICE-LEARNING, CENTER FOR (Human Science and Services 205)

All candidates for the baccalaureate degree at the University of Wisconsin-Eau Claire must satisfactorily complete 30 or more hours of approved service-learning activity. UW-Eau Claire's Service-Learning requirement fosters habits of public engagement and service to society. This requirement is intended to provide students with an opportunity to serve their community, apply knowledge gained in the classroom, enhance their critical thinking skills, and become informed, active, responsible, and ethical citizens. Visit the Service-Learning's Web site at: www.uwec.edu/sl for information on available projects, the completion procedure, and a link to the Service-Learning Guidebook for a list of courses approved to meet this requirement.

SERVICES FOR STUDENTS WITH DISABILITIES (Old Library 2136)

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

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

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

STUDENT SUPPORT SERVICES PROGRAM (Old Library 2136)

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

UNIVERSITY ASSESSMENT (Old Library 1142)

The purpose for assessment is to ask useful questions about student achievement of learning outcomes, gather and analyze valid data about student learning, and to use these findings to better understand and improve student learning. The methods for assessing student learning include high level, institutional measures such as the ACT-CAAP, the National Survey of Student Engagement, the Alumni Outcomes Survey, and exit interviews focused on the Liberal Education Learning Goals and Outcomes.

Additionally, assessment of student learning occurs in departments and programs that teach and directly serve students. Each academic department is required to have learning outcomes for majors and have assessment plans and procedures. Annually, departments establish assessment priorities and based on findings develop action plans to advance student learning.

UPWARD BOUND (Haas Fine Arts 281)

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

Student Affairs and Dean of Students

VICE CHANCELLOR OF STUDENT AFFAIRS AND THE DEAN OF STUDENTS OFFICE (Schofield 240)

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

The Division of Student Affairs encompasses the following offices that support students in their transition to college life: Office of Multicultural Affairs, Counseling, Student Health Service, Center for Alcohol Studies and Education, Women's and LGBTQ Resource Center, Athletics, Children's Center, University Centers, Recreation and Sports Facilities, Housing and Residence Life, Associate Deans of Students, Blugold Beginnings, Blugold Family-Parent, and advise Student Senate.

Student Affairs staff provide assistance to all students including nontraditionally aged students, ethnic minorities, undergraduate and graduate students.

The Office of the Dean of Students and Vice Chancellor of Student Affairs (DOS and VC/SA) plays an important role in helping students navigate the campus environment and providing programs and services that enrich students' personal and educational development. The staff works with programs and services to create a learning environment that integrates co-curricular and classroom experiences.

Services provided by staff in the Dean of Students and Vice Chancellor of Student Affairs (DOS and VC/SA) include:

1. student advocacy, counseling, advising, and assistance to students experiencing personal and academic problems.
2. support and advising for student government and campus organizations and the administration of student conduct procedures.
3. administration and coordination of the National Student Exchange Program and Academic Leaves.
4. crisis intervention.

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

STUDENT HANDBOOK

Each student enrolled at the University is expected to be familiar with University standards and to abide by the rules and regulations published in the publication "Your Right to Know." Copies of this publication are available in the Office of the Dean of Students & Vice Chancellor of Student Affairs (DOS and VC/SA) and is also available on the Web at: <http://www.uwec.edu/DOS/policies/yrtk/index.htm>.

CHILDREN'S CENTER (Campus School)

The Children's Center, a nationally accredited and state licensed child development center for the children of students, faculty, and staff, is operated by the University in the Campus School building. Directed by professionals in early childhood education, the Center is open from 7:30 a.m. to 5:00 p.m., Monday through Friday. Evening care is also available Monday through Thursday 5:00 pm to 9:00 pm., Fall and Spring semester. In addition to a program for children age two to five, the Children's Center has a program for children through age 10 during the Summer Session. Children ages two and older are admitted by application for admission to the Director, 1616 Park Avenue, phone (715) 836-2178.

The Children's Center has an Infant and Toddler Program for children six weeks through two years of age. The program is partially funded through a CCAMPIS (Child Care Access Means Parents in School) Grant. It is located off campus and is available to student parents who qualify for a Pell Grant. Call the Children's Center for more information.

COMPUTING SERVICES (Old Library 1106)

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

MyBlugold allows students web-based access to registration, schedules, course information, Webmail, Desire2Learn, and other common links. Students can access grades, request degree audits, and change personal information such as their address and password. MyBlugold also provides links to academic, career, computing, and other resources for students.

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

UW-Eau Claire uses e-mail as a primary means of communication. It is a student's responsibility to activate the University e-mail account since the University distributes grades, bills, and some financial aid information via e-mail. Many instructors and advisers use e-mail to contact students about class assignments and/or require students to correspond or participate via e-mail 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. To find out specific information (i.e., hours and location) for each lab, visit labs.uwec.edu. 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.

COUNSELING SERVICE (Old Library 2122)

Staff counselors in the Counseling Service office assist students in overcoming problems which may interfere with their educational, social, and emotional development. This is accomplished through individual, couple, and group counseling; psychological and personality testing; psycho-educational workshops; and outreach services. Among the issues that students may bring to counseling are personal development, adjustment to college, depression, stress management, relationship/abuse issues, alcohol and drug use, goal setting, time management training, and other personal concerns and psychological problems.

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

HOUSING AND RESIDENCE LIFE (Towers Hall 112)

The University provides accommodations for 3,924 students in on-campus residence halls. Except for those who are married, living with parents or guardians, or veterans of the United States Armed Forces, all freshmen and sophomores are required to live in University-operated residence halls when such accommodations are available.

Information about living on campus is automatically sent to candidates for admission to the University. Room assignments are based on the date all properly completed housing contract items are submitted, including a \$75 deposit. The deposit is refundable through May 1 (see Deposits, under

Expenses). It is beneficial to apply as soon as possible after acceptance to the University. Whenever possible, specific room assignments will be made prior to freshman orientation in mid-June.

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

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

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

INTERNATIONAL STUDENT SERVICES (Schofield 3)

The University recognizes that international students on this campus bring an increased global awareness to campus which is important to the entire academic community. At the same time, the University wishes to ensure that each student has the best possible educational and personal experience while in the United States. To achieve these objectives, International Student Services (located in the Center for International Education, Schofield 3) offers a variety of services to international students. These include immigration advising in relation to academics, employment, travel, and personal issues, introduction to and involvement in the social and cultural life of the University and the community, and coordination of services provided by the Admissions, Financial Aid, Business, Academic Advising, academic departments, Housing and Registrar's offices.

MULTICULTURAL AFFAIRS, OFFICE OF (Schofield 225)

The mission of the Office of Multicultural Affairs (OMA) is to provide leadership in creating a welcoming and engaging campus for students from ethnically and culturally diverse backgrounds so they are able to thrive and achieve their full potential. OMA assists African-American, American Indian, Asian (with special emphasis on Southeast Asian), and Hispanic/Latino students in utilizing the University as a productive educational resource. Staff members offer multicultural students advice in areas such as admission, housing, financial aid, counseling, employment, academic advising, and with applications to graduate schools. Multicultural Affairs provides the majority faculty, staff, and students with an awareness of racial and ethnic diversity. This awareness is raised through classroom presentations on diversity issues and through cultural programming. All UW-Eau Claire students are encouraged to participate in a variety of opportunities and events sponsored by the Office of Multicultural Affairs. Visit the Web site at: www.uwec.edu/multicultural.

STUDENT HEALTH SERVICE (Crest 150)

The UW-Eau Claire Student Health Service assists students in the pursuit of their academic goals and personal/social development through the provision of quality, accessible, comprehensive, and cost-effective health care. Students' potential for intellectual growth and development is enhanced through strong health education efforts that foster individual responsibility and decision-making skills while developing healthy lifestyles. Education permeates everything, from phone calls to clinic visits to educational presentations. Hours are 7:45 a.m. to 4:30 p.m., Monday through Friday, when classes are in session. It is staffed by a full range of health-care professionals.

Clinical services provided include evaluation and treatment of illnesses and injuries including those of the respiratory, gastrointestinal, and musculoskeletal systems. Physical examinations, minor surgical procedures, laboratory services, and reproductive health services, including contraceptive

exams and supplies, are also offered. Diagnosis and treatment of sexually transmitted diseases are also available. Appointments are required except for emergencies. All visits are confidential.

Wellness is considered an important part of a student's health. To assist in evaluating and learning ways of improving healthy personal behaviors, a variety of health education programs and services is available. Peer educators offer educational outreach programs for residence halls, student groups, and classroom instruction. Health information is available through printed materials and on the Student Health Service Web site at: www.uwec.edu/shs.

Some services are prepaid by student segregated fees, and some services and supplies are provided for a nominal fee. Additional information on the Student Health Service is available on the Web site.

UNIVERSITY CENTERS (Davies 240)

The University Centers is a financially self-supporting Student Affairs unit that is integral to the educational mission of the University of Wisconsin-Eau Claire. It develops people as well as intellects through programs and cultural opportunities, university organizations and governance, services and facilities, and employment and internships. As the center of campus life, it responds to the diverse and changing needs of present and former students, faculty, staff, and community, encouraging quality, social responsibility, and citizenship.

The University Centers comprises three buildings — Davies Center, Hilltop Center and Crest Wellness Center — that serve as the community center for the campus. The unit is also responsible for Schofield Auditorium and Zorn Arena, multipurpose facilities that are frequently used for events. More information about University Centers facilities, programs and services is available on the website: www.uwec.edu/centers.

Activities, Involvement and Leadership (Davies 220)

The Activities, Involvement and Leadership office administers the Artists Series, The Forum lecture series, Summer Events and the UW-Eau Claire International Film Society, all funded through student segregated fees allocated by the Student Senate. Staff also advise the Student Senate's University Activities Commission; administer the programs and services of Higherground; and administer the programs and services of the Student Organizations Complex. Activities, Involvement and Leadership coordinates student leadership initiatives and recognition programs, Commencement ceremonies, and a variety of special events throughout the year.

Blugold Card Services (Davies 110)

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

Blugold Dining (Davies 240)

Cafeteria, fast food, a la carte, catered, and fine dining options are offered to the University community and to the public. Students living in residence halls (except Chancellors Hall) participate in one of several meal plan options and are offered the most economic options at the cafeteria in Hilltop Center. Davies Center retail facilities include a fast food restaurant, organic store, coffee café, cafeteria, and fine dining area. Food courts are located in Davies and Hilltop Centers; Crest Wellness

Center has a gathering place for informal dining; and Simply to Go carts are located in the lobbies of Haas Fine Arts Center, Hibbard Hall and McIntyre Library. Meal plan information is available online at: www.uwec.edu/dining.

Event Services (Davies 240)

Responsible for all non-academic reservations on campus, Event Services is the university's centralized event planning organization. The Event Services office works with students, staff and the community to plan conferences, meetings and other events on campus, and works with administrative offices and academic departments in executing programs that support instruction and co-curricular activities. Event Services' responsibilities for event planning, production, facilities and house management require a high level of professional knowledge and expertise. Professional video, lighting, sound and staging are available for events on campus through Event Services, which assists with dining services and other needs. The office directs a highly responsible student staff trained in all aspects of safety and event production to ensure the well-being of all users of campus facilities.

University Bookstore (Davies 130)

Located on the lower level of Davies Center, the University Bookstore sells a variety of course-related and general interest reading materials; licensed emblematic gifts and clothing; greeting cards; and school, art, computer, and office supplies. Gift certificates and a special order service for books and merchandise are also available. American Express, Discover, MasterCard, VISA, and Blugold Account purchases are welcome.

UW-Eau Claire undergraduates may rent textbooks and other course materials from the University Bookstore's Instructional Resource Rental Department, which is funded by a designated portion of undergraduate tuition. Textbooks and other teaching resources are selected by instructors for each course and are arranged by department and course number on the bookstore's lower level. Several weeks are set aside every semester when rental materials may be purchased for 75 percent of their replacement price, giving students the opportunity to build their professional libraries.

University Printing Services (Schofield 18)

University Printing Services provides affordable and convenient printing and production services for students, faculty/staff, academic departments and administrative offices, and the public. Printing Services offers competitive pricing on business cards, presentation materials, posters, labels, envelopes, postcards, brochures and booklets. High-speed black-and-white digital copies, high-quality color copies, large-format printing and a range of bindery services are among the services offered. Student graphic designers are on staff to create custom materials. Printing Services accepts walk-up and online orders, and provides pickup and delivery to all campus buildings. Cash, Blugold Account, campus account, MasterCard, Visa and Discover are welcome.

Printing Services manages the contracts that provide copiers campuswide for student and office/departmental use. The area is the designated agency printing manager for UW-Eau Claire, responsible for ensuring that all off-campus printing using state monies is purchased in accordance with state law and policy. The area produces the custom course packets for classroom instruction made available by the University Bookstore.

University Service Center (Davies 110)

The Service Center plays a key role in University communication, acting as the switchboard for the campus and as the central source of university information. The area offers one-stop convenience for many essential services. Discover, MasterCard, Visa and Blugold Account purchases are welcome.

- Tickets — The university's centralized ticket office works with organizations, academic departments and administrative offices to produce and sell tickets to campus events. Tickets for basketball,

hockey, football, concerts, lectures and other campus programs are available at the Service Center, and bargain movie passes for community theatres also can be purchased in advance.

- **Postal Services** — The Service Center is a U.S. Postal Service substation offering domestic and international mail services. United Parcel Service (UPS) ground service is also available.
- **Checks** — Blugold Card holders may cash payroll, two-party and personal checks at the Service Center. Money orders are sold.
- **Information Services** — Campus information including directory assistance, activities information, campus and community maps and brochures can be found at the Service Center. The Service Center manages the sale board in Davies Center, as well as its online site, gives vending machine refunds, rents lockers in campus buildings and provides the campuswide lost and found. Notary Public services are available.

VETERANS SERVICES (Schofield 128)

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

Students requesting veterans benefits should meet with the staff of the Veterans Services Office to set up their benefits program(s). Students using veterans educational benefits are required to complete the Veterans Information Sheet (obtained from the Veterans Services Office) after registering for classes each semester. Students also need to keep this office apprised on any changes in their enrollment status.

UW-Eau Claire is a member of Servicemembers Opportunity Colleges (SOC), a consortium of over 1,300 institutions pledged to be reasonable in working with servicemembers and veterans trying to earn degrees even while pursuing demanding, transient careers.



Student Activities and Organizations

STUDENT GOVERNMENT

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

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

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

For further information, students may contact the Student Senate office or the Office of Dean of Students and Vice Chancellor of Student Affairs (DOS and VC/SA). Visit the Web site at: www.uwec.edu/student senate.

CULTURAL AND SOCIAL ACTIVITIES

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

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

Higherground. Live music, DJs and dancing, informal dining, theme nights, and socializing predominate at this student-operated lounge and music club on the upper level of Crest Wellness Center.

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

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

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

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

Five committees make up the commission. The **Cabin Committee** programs musical and performance arts events in an intimate club setting. The **Concert Committee** presents on-the-rise regional bands and cutting-edge performers. The **Festivals Committee** coordinates Homecoming, Winter Carnival, and Springfest activities. The **Film Committee** alternates with the International Film Society in screening contemporary and classic films throughout the academic year. The **Special Events Committee** offers lecture-and-discussion programs, performing and visual arts

events, tours to regional cultural events, comedy nights, and novelty programming.

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

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

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

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

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

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

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

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

FM Radio. WUEC (at 89.7 on the dial) is a student-assisted FM station broadcasting from studios in the Hibbard Humanities Hall. WUEC is affiliated with Wisconsin Public Radio and National Public Radio. Programming includes classical, jazz, blues, and folk music; news; information; and public affairs programs. Visit the Web site at: <http://www.uwec.edu/wuec/>.

Campus TV. Students enrolled in Advanced Broadcast TV News (CJ426) prepare newscasts in the Broadcast TV News Laboratory, Hibbard Humanities Hall 105.

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

STUDENT PUBLICATIONS

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

NOTA (*None of the Above*), the campus creative arts magazine published once per semester, provides an outlet for student writing, photography, artwork, and original music performance; in addition, NOTA publishes "The Fascicle," a magazine designated for pieces of longer prose. NOTA sponsors public readings by students, faculty, and professional writers and holds contests for fiction and poetry writers. Interested students may inquire at the NOTA office, Hibbard 410A, or via e-mail: nota@uwec.edu.

UNIVERSITY RECREATION & SPORT FACILITIES

University Recreation & Sport Facilities (UR&SF) provides a variety of programs and services to meet the needs and interests of the University community. Programs include: Group Exercise, Open Recreation, Massage Therapy, Intramurals, Sport Clubs, two Fitness Centers, the Environmental Adventure Center, the Bowling and Billiards Center, Special Events, the Wisconsin Youth Success Program (WYSP), Community Service and Wellness Education.

UR&SF oversees the scheduling and management of the McPhee/Ade Olson Complex and its facilities, including the McPhee Strength and Performance Center (MSPC), equipment and laundry operations, the Pool, Dance Studio, the Ade Olson Addition, and Simpson Track and Field. UR&SF also has responsibility for the management of Bollinger Fields, Towers field and sand volleyball courts, Hilltop outdoor tennis and volleyball courts, Crest Fitness Center, Eagle's View Challenge Rope's course, Indoor Climbing Wall, the Environmental Adventure Center (EAC), the Indoor Archery Range, Campus 9 Disc Golf Course, and the Bowling and Billiards Center (BBC).

Over 30 men's, women's, and co-recreational activities are offered to students and faculty/staff through the Intramural Program. These activities promote team, league, tournament, and dual sport competition.



The Sport Clubs program provides opportunities for students to participate in competitive team and individual sports (non-varsity). There are currently 24 active sport club organizations. The participants take active leadership roles in the administration and financing of their programs.

The Group Exercise program offers classes in Cycling, Strength & Tone, Cardio Kick, Turbo Kick, Butts & Guts, Zumba, Hydro Aerobics, Yoga, and Pilates/Yoga (PiYo). Classes are offered seven days per week, and are designed to accommodate a wide range of fitness levels.

The Environmental Adventure Center (EAC), located in the basement of Hilltop Center operates an extensive outdoor recreation equipment rental center, an indoor archery range, the Eagle's View Challenge Ropes Course, the Campus 9 Disc Golf Course, and the Indoor Climbing Wall program. The EAC also sponsors outdoor education and trips programs, and is a provider of other outdoor related resources.

The Bowling and Billiards Center (BBC) offers numerous bowling and billiards leagues, as well as open bowling/billiards, foosball, and air hockey. These activities, together with comfortable seating and six large-screen TVs make the BBC a great place for students to congregate and meet new friends.

The Crest Fitness Center offers an extensive variety of strength and cardiovascular equipment. The fitness and nutrition assessment is available to evaluate fitness levels, and members may purchase one-on-one personal training through the Body One Program. Crest overlooks the beautiful Chippewa River and is also home to the very popular Massage Therapy Program, offered to members of the university community to help reduce stress and promote wellness.

The McPhee Strength and Performance Center (MSPC) covers almost 8,000 square feet, holds over 20,000 pounds of free weights, 5,000 pounds of dumbbell weight and 1,000 pounds of Olympic bumper plates. It's also home to 55 pieces of weight training equipment and 36 cardiovascular units.

The Open Recreation Program allows unstructured access to swimming, indoor walking/jogging, racquetball, indoor tennis, basketball, and volleyball.

A wide variety of noncredit classes and workshops are offered that relate to health, fitness, wellness, and nutrition. Past offerings have included Chinese 18 Postures, Yoga, Pilates, Cardio-Blast, Hula-Aerobics, Belly Dancing, Ayurveda Nutrition, Fitness Instructor Certification Courses, Boot Camp, CPR and Lifeguard Certification/Re-certification, Blood Bourne Pathogens Training, and First Aid. In addition, University Recreation & Sport Facilities and the Special Events Program work in conjunction with the National Intramural Recreational Sports Association to provide programs that promote a healthy lifestyle throughout the year (Early Bird Golf Classic, Shamrock Shuffle, ACU-I Tournaments, bus trips to professional games and events, etc.).

As one of the largest employers of students on campus, University Recreation & Sport Facilities provides hands-on work experiences that include opportunities for leadership development and learning.

The one semester Internship Program offered by University Recreation & Sport Facilities is available to students completing their undergraduate or graduate degree in recreation or a related field.

University Recreation and Sport Facilities also sponsors the Wisconsin Youth Success Program for boys and girls, ages 10-16. The mission of the program is to provide area youth with an opportunity to learn life-long sports skills and receive information about drugs and alcohol, health and nutrition, careers, and higher education in a supportive group atmosphere.

For more information about the program, visit the University Recreation & Sport Facilities Website at: www.uwec.edu/recreation.

ATHLETICS

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

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

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

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

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



University Student Governance and Organizations

Student Government

- Senators
- Commissions
 - Academic Affairs
 - Finance
 - Information Technology
 - Intergovernmental Affairs
 - Organizations
 - Public Relations
- Student Life and Diversity
 - Diversity Resource Center
 - Lesbian, Gay, Bisexual, and Transgender Affairs
 - Men's Issues
 - Multicultural Issues
 - Non-Traditional Student Affairs
 - Women's Issues
- Student Office of Sustainability
- Student Services
 - Athletics/Recreation Affairs
 - Food Service
 - Health Service
 - Legal/Tenant Affairs
 - Students with Disabilities
 - Transportation/Safety Affairs
- University Activities
 - Cabin
 - Concerts
 - Festivals
 - Films
 - Special Events
 - Web Master

Residence Hall Government

- Hall Councils
- Residence Hall Association (RHA)
- Residence Hall Coeducational Judicial Board

Dates below indicate the year when a chapter of a national organization was chartered on this campus, or when a local organization was founded.

Academic

- English Festival, 2006
- Psychology Club, 1992

Departmental

- American Chemical Society, 1967
- American String Teachers Association, 1997
- Art Student Association, 1975
- Biology Club, 1984
- Blugold Beginnings, 2009
- Campus Ambassadors, 1985
- Communication and Journalism Organization, 1998
- Geography and Anthropology Club, 1983
- Geology Club, 1970
- History Graduate Student Association, 2008
- Math Club, 2007
- National Band Association (UW-Eau Claire Collegiate Chapter), 2002
- National Student Exchange Association, 1987
- Society of Physics Students, 1985
- Sociology Organization for Students, 1995
- Student Athletic Advisory Committee, 1999
- Student Economic Association, 1987

- Student Pharmaceutical Society, 1970
- Student Support Services Advisory Board, 2003
- Students on a Path, 2008

Greeks

- Alpha Xi Delta (Epsilon Alpha), 1965
- Delta Sigma Phi (Eta Omicron), 1988
- Delta Tau Delta, 2011
- Delta Zeta (Epsilon Omega), 1956
- Interfraternity Council, Men, 1969
- Panhellenic Council, Women, 1967
- Phi Gamma Delta (Epsilon Chi), 1972
- Sigma Sigma Sigma (Gamma Lambda), 1967

Honor Societies

- Alpha Kappa Delta, Sociology, 1988
- Alpha Lambda Delta, First Year Honors, 1971
- Beta Alpha Psi, Accounting, 1982
- Beta Beta Beta (Iota Gamma), Biology, 1969
- Beta Gamma Sigma, Business Administration, 1992
- Delta Phi Alpha, German, 1989
- Gamma Theta Upsilon (Delta Tau), Geography, 1971
- Golden Key International Honor Society, Scholarship 1998
- Honors Program Organization, General Scholarship, 1986
- Kappa Delta Pi (Epsilon Omicron), Education, 1943
- Kappa Mu Epsilon (Wisconsin Gamma), Mathematics, 1978
- Kappa Tau Alpha, Journalism, 1979
- Mortar Board (Gold Caps), Seniors, 1976
- Omicron Delta Epsilon (Theta), Economics, 1974
- Omicron Delta Kappa, Juniors and Seniors, 1974
- Order of Omega (Mu Omega), Greek, 1993
- Phi Alpha Honor Society (Eta Upsilon), Social Work, 1980
- Phi Alpha Theta (Lambda Omicron), History, 1966
- Phi Kappa Phi, General Scholarship, 1969
- Pi Delta Phi (Beta Nu), French, 1976
- Pi Kappa Delta (Wisconsin Zeta), Forensics, 1950
- Psi Chi, Psychology, 1964
- Sigma Alpha Iota (Epsilon Omicron), Music, 1969
- Sigma Delta Pi (Delta Psi), Spanish, 1961
- Sigma Gamma Epsilon, Earth Sciences, 1994
- Sigma Gamma Zeta II, Returning Adults, 1979
- Sigma Pi Sigma, Physics, 1979
- Sigma Tau Delta (Theta Zeta), English, 1956
- Sigma Theta Tau (Delta Phi), Nursing, 1980
- Theta Alpha Kappa (Alpha Zeta Lambda), Religious Studies, 2002

Media

- The Flip Side, 2003
- None of the Above, 2008
- Residence Hall TV-10, 1975
- The Spectator, 1923
- Student Radio Initiative, 1997
- WUEC - FM 89.7 Campus Radio Station, 1994

Multicultural

- Baltic Student Organization, 1993
- Black Student Association, 1989
- Chinese Cultural Association, 1976
- Chinese Culture Club, 2010
- Der Deutsche Verein, 1960
- Hmong Student Association, 1988
- International Students Association, 1987
- Japanese Cultural Society, 1992
- Korean Student Association, 2004
- Latin American Studies Club, 2002
- Le Salon Français, 1967

Malaysian Abroad Diversified, 2009
Multicultural Alliance of Change, 2009
Native American Student Association, 1989
Student Organization of Latinas/Latinos, 2005

Performing Arts

Audacious, 2008
Blugold Marching Band
Concert Dance Company, 1970
Fifth Element, 2007
Forensics, 1944
Girls Night Out, 2011
Salsa Clara, 2010
The Players, 2008
The Singing Statesmen, 1967
Soundscape, 2011

Political

College Democrats, 1956
College Republicans, 1957

Professional

Actuarial Network, 1998
Advertising Federation, 1978
AIESEC, 1976
American Choral Directors Association, 1996
American College of Health Care Administrators, 1978
American Marketing Association, 1980
American Music Therapy Association-Students, 1998
Art Educators Club, 1997
Association for Operations Management, 1986
Association of Information Technology Professionals, 1980
Association of Student Social Workers, 1971
Beta Upsilon Sigma, Business, 1957
Collegiate DECA, 2004
Collegiate Wisconsin Association of Middle Level Education, 2006
Criminal Justice Association, 1977
Eau Claire Student Nurses Association, 1967
Financial Management Association, 1982
Future Teachers Club K-12, 1967
International Association of Business Communicators, 1985
Kinesiology Club, 1974
Music Educators National Conference, 1972
National Student Speech, Language and Hearing Association, 1967
Phi Mu Alpha Sinfonia (Gamma Beta), Music, 1971
Pi Sigma Epsilon, Marketing, 2008
Pre-Chiropractic Club, 1990
Pre-Law Club, 1989
Pre-Physical and Occupational Therapy Club, 2005
Pre-Professional Health Club, 2011
Pre-Vet Club, 2000
Public Relations Student Society of America, 2004
Society for Human Resource Management, 1981
Society of Professional Journalists, 1974
Spanish Business Association, 2006
Student Accounting Society, 1976
Student Association for Computing Machinery, 1982
Student Athletic Trainers Association, 1989
Student Council for Exceptional Children, 1964
Student National Association of Teachers of Singing, 1999
Student National Environmental Health Association, 1974
Student Wisconsin Education Association, 1989
Students in Free Enterprise, 2003
StudiEAU Design Club, 2011
United States Institute for Theatre Technology, 2003
Women In Information Technology Systems, 2002

Recreational

Blugold Badminton Club, 2009
Chaotic Juggling Troupe, 1992
Chess and Go Club, 2002
Cycling Team, 2001
Disc Golf Club, 1997
Equestrian Club, 2005
Fencing Club, 2007
Eau Claire Gamers Guild, 1996
Mah-Jong Club, 2008
Paintball Club, 2009
Racquetball Club, 2011
Rod and Gun Club, 1996
Scrabble Club, 2011
Shotokan Karate Club, 2007
Skydiving Club, 1999
The Tolarian Academy, 2004

Religious

Athletes in Action, 2006
The Edge Students, 2003
Gospel Choir, 1988
In His Word, 1998
Inter-Varsity Christian Fellowship, 1940
Keynote, 2009
Latter-Day Saint Student Association, 2005
Lutheran Student Association, 1975
The Ministry, 2005
The Navigators, 1986
Network for Unitarian Universalist Students, 1996
Newman Student Association, 1991
Student Impact, 1970
WELS Campus Ministry, 1971

Service

Alpha Phi Omega (Eta Lambda), 1949
Best Buddies, 1998
Big Brothers/Big Sisters on Campus, 2007
Campus Kitchens Project, 2008
Career Services Charitable Outreach, 2006
Circle K Club, 1978
First Book, 2008
Habitat for Humanity, 1993
Project Eye-to-Eye, 2006
Student Homeless Awareness Chapter, 1998
UNICEF, 2006

Special Interest

Advocates for Choice, 2009
American Cancer Society Colleges Against Cancer, 2004
American Sign Language Organization, 2002
Amnesty International, 1995
Anime Appreciation Society, 2001
Athletics Support Organization, 2009
Backwards-Thinkers Society, 2010
BlugoldActive Living and Learning, 2010
Blugold Ringers, 2010
College Feminists, 1998
College Freethought Society, 2003
Collegiate Entrepreneur's Organization, 2009
The Conservationists, 1998
Conservative Union, 2006
The Foodlums Food Club, 2007
Forward Momentum, 2010
Human Trafficking Abolitionists, 2008
International Justice Mission, 2010

Kick It to Cancer, 2011
 Latin American Sustainability, Education and Development, 2008
 Leadership Outreach, 2010
 Linguistic Student Organization, 2009
 Men Opposed to Sexual Assault, 2003
 Model United Nations Club, 1994
 Molecular Movement, 1996
 Out Loud, 2011
 Percussive Arts Society, 2009
 Progress on Health Disparities, 2010
 Progressive Student Association, 2003
 The Reef Team, 2008
 Reverse the Curse, 2010
 Society for Peace and Justice in Palestine, 2009
 STAND: A Student Anti-Genocide Coalition, 2008
 Student Ministry of Magic, 2010
 Student Parents Reaching Out, 2011
 Student Philanthropy Organization, 2008
 Students for a Fair Wisconsin, 2008
 Students for a Sensible Drug Policy, 1995
 Students for Health Adventure and Physical Education, 2007
 Students for Life, 2005
 Students for Organ Donation, 2010
 Students Interested In Military Science, 2010
 Studio 105, 2007
 TESOL Student Association, 2011
 TOMS Club, 2011
 Triathlon Club, 2010
 Up 'til Dawn, 2009
 V-Day Campaign, 2007
 Vegetarian Society, 2010
 Veterans Club, 1995
 Walt Disney Program Alumni Association, 2000
 West African Music Society, 1996
 WISPIRG Energy Service Corps, 2011

Sport Clubs and Teams

Baseball Club, 1997
 Blugold Competitive Ballroom, 2010
 Blugold Equestrian Show Team, 2010
 Bowling Club, 1989
 Cheerleaders and Stuntmen, 1967
 Cross Country Ski Team, 2000
 Dance Team, 1969
 Eau Claire Dodgeball, 2008
 Eau Claire Irish Dance, 2010
 Figure Skating Team, 2002
 Hobnailers Club, 1979
 Hockey Club, 2010
 Hwa Rang Do/Tae Soo Do Club, 1996
 Men's Lacrosse, 2003
 Men's Rugby Club, 1981
 Men's Soccer Club, 1978
 Men's Ultimate Frisbee Club, 2000
 Men's Volleyball, 1985
 Mixed Martial Arts Club, 2008
 Ping-Pong Club, 2007
 Two to Tango Dance Club, 1994
 Water-Ski Club, 2001
 Women's Lacrosse, 2002
 Women's Rugby Club, 1997
 Women's Ultimate Frisbee Club, 2007

Academic Policies and Regulations

CREDITS

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

CREDIT LOAD

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

CLASSIFICATION OF STUDENTS

Full-Time Students. For fall and spring semesters an undergraduate enrolled for 12 or more credits (excluding audits) is considered a full-time student; and must be enrolled in a minimum of six credits to be considered at least half-time. A graduate student enrolled for nine or more credits is classified as full-time and must be enrolled in a minimum of five credits to be considered at least half-time.

In the Summer Session, an undergraduate enrolled for 12 credits is considered full-time (six is the minimum for half-time); and a graduate student must be enrolled in seven or more credits to be considered full-time (four is the minimum for half-time).

In the Winterim Session, enrollment in two credits is considered full-time and one credit is considered half-time for all students.

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

Undergraduate Students

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

Graduate Students

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

Special Students. Students who are not formally admitted to the university are classified as special students. Registration as an undergraduate special student is limited to six credits or two courses per semester (if credits exceed six) during fall and spring semesters. During the Summer and Winterim Sessions, all specials may take a maximum of as many credits as the number of weeks they are attending.

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

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

COURSE NUMBERING SYSTEM

Level. The first digit in a course number indicates the level of the course:

- 1-99 — courses that cannot be counted toward minimum degree requirements.
- 100-199 — courses primarily for freshmen.
- 200-299 — courses primarily for sophomores.
- 300-499 — courses open to juniors and seniors.
- 500-699 — junior-senior courses approved for graduate credit.
- 700-799 — courses open only to graduate students.
- 800-899 — courses open only to Doctor of Nursing Practice (DNP) students.

Enrollment by Level. Undergraduate students may enroll in courses numbered one level above their classification, provided they meet the stated prerequisites and the course description does not specifically exclude them.

Enrollment of Undergraduates for Graduate Credit. Upon the recommendation of the student's adviser, course instructor, and chair of the department offering the course, a University of Wisconsin-Eau Claire undergraduate student may be allowed to enroll in a limited number of graduate courses, provided he or she has a 3.00 undergraduate GPA and has the approval of the College Dean. Qualified students may take up to, but not exceed, a total of nine credits of graduate-level coursework. The graduate credits cannot be used to satisfy requirements for the bachelor's degree. Application forms for enrollment in graduate courses as an undergraduate may be obtained from the Registrar's Office.

REGISTRATION

The University provides online registration for all students accessible via the World Wide Web. Each student is assigned a registration time based upon credits earned. The assigned time, along with a degree audit, is sent to each student via e-mail prior to registration. Registration begins in November for the Spring semester, in October for Winterim, in February for Summer Session, and in April for Fall semester. Advising is required prior to registration for (1) all freshmen and sophomores, (2) juniors and seniors on academic warning or probation, (3) transfers seeking a first degree, and (4) all students with a major in the College of Business regardless of classification or academic standing. Students must pay a deposit prior to registration for Fall, Winterim, Spring, and Summer.

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

Late Registration. A student may enroll for a full credit load after the regular registration period but within the first two weeks of classes. (The instructor's permission is required during the second week of classes.) Thereafter, any registration must be sanctioned by the Associate Dean of the appropriate College. No registrations for full semester courses are permitted after the second week of classes in the academic year.

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

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

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

A change becomes official only when it has been processed by the Registrar's Office. (See also Withdrawals.)

AUDITING COURSES

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

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

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

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

REPEATING UW-EAU CLAIRE COURSES

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

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

A course in which a grade of C- or below or a W was originally earned

may be repeated once. The new grade will replace the previous grade in computing GPAs, but both the initial grade and the repeated grade will appear on the student's official transcript.

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

SATISFACTORY/UNSATISFACTORY (S/U) REGISTRATION

Registration for a grade of Satisfactory or Unsatisfactory, instead of the usual letter grades, permits students to venture into elective areas with less risk to GPAs; however, the potential disadvantages should be carefully weighed. Some institutions, particularly graduate and professional schools, will not accept the grade of S in transfer. Furthermore, S/U registration is restricted on many programs at UW-Eau Claire, and the responsibility for determining its acceptability rests with the student.

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

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

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

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

The grade of U indicates work below the level of a C in the standard grading system. No credit is granted. A course in which a U is received does not count toward the completion of at least three-quarters of the total semester registration, and thus may have an adverse effect on the student's academic standing. (See Academic Standing and Progress.) However, the grade of U is not computed in the student's semester and resident GPAs. When repeating a course initially taken on the S/U basis, the student must also repeat the course on the S/U grade basis. (See Repeating UW-Eau Claire Courses.)

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

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

POLICY ON REMEDIAL EDUCATION

New freshmen who score below 375 on the University of Wisconsin English Placement Test (UWENGL) and below 18 on the ACT English or below 430 on the SAT Verbal are required to take the remedial English course (Engl 099). New freshmen whose Algebra score on the UW System Mathematics placement examination is below 396 are required to take a remedial mathematics course (Math 010 or 020). Required remedial English and mathematics courses must be successfully completed before a student has earned 30 credits or registration will be denied.

ASSESSMENT OF STUDENT ACADEMIC ACHIEVEMENT

The University's Assessment Plan calls for the assessment of student academic achievement. The purpose of the University Assessment Plan is not to measure individual student progress but to determine the degree to which the Liberal Education Learning Goals are accomplished by the student body. The University uses several procedures to determine if academic goals are being achieved.

(1) **ACT-CAAP (Collegiate Assessment of Academic Proficiency).** The CAAP is administered to a cohort of freshman and seniors in selected classes. When a class is selected, all students enrolled are required to take the test.

(2) **Assessment Plans.** Assessment plans in departments, general education, and co-curricular programs are aligned with the Liberal Education Learning Goals. Data from these assessment plans are aggregated to prepare summative reports for the Liberal Education Learning Goals.

(3) **Exit Interviews.** Students may be asked to participate in exit interviews. The purpose of the exit interview is to give students an opportunity to reflect on the baccalaureate experience.

CLASS ATTENDANCE POLICIES

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

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

Accommodation procedures for this and other circumstances are described at <http://www.uwec.edu/DOS/policies/attendance.htm>.

FINAL EXAMINATIONS

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

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

A request for a change in the time of an individual final examination must be approved by the instructor, the department chair, and the assistant/associate dean of the college in which the course is offered. Make-up examinations must be scheduled during finals week or later and must be arranged by the student with the instructor. (U Senate 01/03)

GRADING SYSTEM

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

Letter Grades

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

Other Marks

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

Grade Points per Credit

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

These grade point values, when multiplied by the number of course credits, give the total number of grade points earned for that particular course. In a three-credit course, for example, a grade of C yields six grade points; a grade of B yields nine; and a grade of A yields 12.

Resident Grade Point Average. The resident GPA of a student is found by dividing the total number of grade points earned at UW-Eau Claire by the total number of credits attempted. The semester GPA is computed in the same way, using only the grade points earned and the credits attempted during that semester. In computing GPAs, the following are not counted as credits attempted: courses for which S, U, W, or V is received; courses which carry no credit toward graduation (except Math 010 and Math 020); repetitions of courses which are eligible for a grade replacement (see Repeating Courses). See also Grade Point Requirements under Graduation Requirements.

Upon Degree Completion. Upon the completion of a degree the GPA is final and is associated with that degree. Any credits earned after the award of a degree is calculated as its own GPA and is not included with the previous degree's GPA. The GPA is always truncated to include the two digits after the decimal point. The GPA is not rounded up based on any number from the third digit after the decimal point (if shown).

INCOMPLETES

An incomplete (In) is a temporary mark which may be granted when, for reasons acceptable to the instructor, a student has been unable to complete a portion of a course in the normal time period. Both the final grade, and the fact that an incomplete had been assigned and removed will appear on the record.

Procedures. It is the student's responsibility to initiate a request for an incomplete with the instructor. If the request is approved, the instructor will indicate the conditions for the removal of the incomplete, including the date for submitting all work due so that it may be evaluated before

the reporting deadline. The instructor will submit the incomplete to the Registrar's Office, as well as a grade to be recorded as the permanent grade for the course in case the incomplete is not removed.

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

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

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

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

PROGRESS AND GRADE REPORTS

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

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

Semester Grade Reports. At the conclusion of each term, an electronic grade report is made available to each enrolled student.

ACADEMIC DISTINCTION

At the conclusion of each term, after grades have been recorded, the Provost/Vice Chancellor publishes lists of all undergraduate students who have attained Academic Distinction. To be eligible, full-time students must be in good academic standing and have completed 12 or more credits during the semester, with a semester and resident GPA of 3.20 or higher. Part-time students who meet the following criteria are also eligible: (1) initially register as part-time students (6 to 11 enrolled credits), (2) complete the semester in good academic standing, (3) complete 6 to 11 credits during the semester, and (4) earn both a semester and resident GPA of 3.20 or higher.

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

WITHDRAWALS

Withdrawing from a Course. Students who wish to withdraw during the first two weeks of classes from any course for which they are registered may do so without their instructors' or advisers' signatures. After the second week of classes (or a proportionate period of time for shorter courses—see MyBlugold for exact dates), students must obtain a Change of Registration form from the Registrar's Office, secure the signature of their faculty advisers and instructors for the course, and return the form to Registration Services. A student is not considered withdrawn until the proper form has been processed by Registration Services. A student who stops attending a class without withdrawing officially may receive a grade of F for the course, and may owe a repayment on financial aid received.

No withdrawals are permitted after the beginning of the eleventh week of classes. Deadlines are adjusted proportionately for shorter courses, including Winterim and Summer Session courses, except in

extenuating circumstances as determined by the Associate Dean of the College in which the student is enrolled. Up to that time, official withdrawals are recorded as follows:

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

From the third week through the tenth week—recorded as W.

Calendar dates of withdrawal deadlines are published each semester on MyBlugold, on the Web “Registration Calendars,” and can be obtained from the Registrar’s Office.

Withdrawing from the University. Students who wish to withdraw from all classes must begin the official withdrawal procedure by reporting to the Student Affairs and Dean of Students Office.

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

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

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

Fee refund deadlines for withdrawals are available on the Business Services Web site. Choose “Refund Information” in the Business Services Quick Links. Financial aid recipients who withdraw before 60 percent of the semester has been completed are subject to federal financial aid repayment regulations and may owe a repayment of aid, even if not entitled to a tuition refund. The amount of aid a student may keep is in direct proportion to the length of time the student remained enrolled during the semester. A detailed statement of the policy can be found in the Student Services and Standards handbook. Assistance is also available from the offices of Financial Aid, Business Services (student accounts), and the Student Affairs and Dean of Students Office.

LEAVE OF ABSENCE

A UW-Eau Claire student may take a leave of absence from the University for up to two consecutive semesters. The student must inform the University by submitting a form available in the Student Affairs and Dean of Students Office, prior to the start of classes for the semester of the leave. A student on a leave of absence does not have to apply for readmission; however, if the student is suspended or stays out of school for a period longer than the approved leave, he or she must apply for readmission.

NOTE: Some exceptions to existing leave policies may be granted in the case of military service activation.

TRANSCRIPTS

An official transcript of a student’s record will be issued by the Registrar’s Office at the student’s written request. No transcripts are released (except when requested by advisers or administrative officers within the University) without the permission of the student. There is normally no charge for transcripts, although the Registrar reserves the right to limit the number furnished directly to 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 MyBlugold.

CREDIT BY EXAMINATION

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

ADVANCED PLACEMENT PROGRAM

Students who achieve a minimum score of 3 on any of the advanced placement examinations will receive at least three credits in the appropriate general education category. In addition, some academic departments have approved granting specific credit. (NOTE: Course equivalencies are subject to change. Students receive the course equivalency in effect when they matriculate.) Rather than a letter grade, students receive a mark of “CP.” For prerequisite purposes this equivalent to “a grade of C or above.”

EXAM NAME	MINIMUM SCORE	CREDITS GRANTED
Art History	3	3 crs., elective GE-IV (Humanities)
Art, Studio:		
General Portfolio	3	3 crs., elective GE-IV (Humanities)
Drawing	3	3 crs., elective GE-IV (Humanities)
Biology: General	3	3 crs., elective GE-II (Natural Sciences)
	4	4 crs., Biology elective GE-II lab (Natural Sciences). See department if specific course equivalent is needed.
Chemistry: General	3	3 crs., Chemistry 100
	4	5 crs., Chemistry 103
	5	10 crs., Chemistry 103 and 104
Computer Science:		
A or AB	3	3 crs., Computer Science 163
	4	3 crs., Computer Science 145
Economics:		
Macroeconomics	3	3 crs., Economics 104
Microeconomics	3	3 crs., Economics 103
English:		
Language & Composition	3	3 crs., elective GE-IA (Language Skills)
	4 or 5	3 crs., English elective GE-1A
Literature & Composition	3	3 crs., elective GE-IV (Humanities)
	4 or 5	3 crs., English elective GE-IV
Environmental Science	3	3 crs., elective GE-II (Natural Sciences)
French:		
Language	3	16 crs., French 101, 102, 201 and 202
Literature	3	16 crs., French 101, 102, 201 and 202
Geography	3	3 crs., Geography 111
German: Language	3	16 crs., German 101, 102, 201 and 202
Government & Politics:		
Comparative	3	3 crs., elective GE-III (Social Sciences)
United States	3	3 crs., elective GE-III (Social Sciences)
	4	3 crs., Political Science 110
History: European	3	3 crs., elective GE-IV (Humanities)
	4	3 crs., History 204 and three credits elective GE-IV
History: United States	3	3 crs., elective GE-IV (Humanities)
	4	6 crs., History 114 and 115
History, World	3	3 crs., elective GE-IV (Humanities)
	4	6 crs., History 124 and 125
Italian:		
Language & Culture	3	16 crs., F Lg elective GE-IA (Language Skills)
Japanese:		
Language & Culture	3	16 crs., Japanese 101, 102, 201 and 202
Latin:		
Vergil	3	8 crs., Latin 101 and 102
Literature	3	8 crs., Latin elective GE-IA (Language Skills)

EXAM NAME	MINIMUM SCORE	CREDITS GRANTED
Mathematics:		
Calculus AB	3	4 crs., Math 111
	4	4 crs., Math 114
Calculus BC	2	4 crs., Math 114
	3	8 crs., Math 114 and 215
Statistics	3	4 crs., Math 246
Music Theory	3	3 crs., elective GE-IV (Humanities) Students wanting credit in the major or minor must take the UWEC music department's theory placement test.
Physics B	3	3 crs., elective GE-II (Natural Sciences)
	4	5 crs., Physics 211 (Credit will be granted only upon presentation of evidence showing sufficient laboratory work in the high school AP Physics course.)
Physics C:		
Mechanics	3	3 crs., elective GE-II (Natural Sciences)
	4	5 crs., Physics 231, can be granted upon completion of Physics 232 with a grade of B or above.
Electricity & Magnetism	3	3 crs., elective GE-II (Natural Sciences)
Psychology	3	3 crs., Psychology 100
Spanish:		
Language	3	8 crs., Spanish 101, 102
Literature	4	12 crs., Spanish 101, 102, 201
	5	16 crs., Spanish 101, 102, 201, 202

International Baccalaureate Examinations

The University grants credit for a score of 4 or higher on all Higher Level International Baccalaureate examinations. Students receive the course equivalency in effect when they matriculate. Rather than a letter grade, students receive a mark of "CP." For prerequisite purposes this is equivalent to "a grade of C or above." For current equivalencies see the Academic Testing webpage <http://www.uwec.edu/Testing/creditbyexam/baccalaureate.htm> or contact the Academic Testing office, Schofield 226.

College Level Examination Program (CLEP)

The University grants credit for certain examinations offered by the College Level Examination Program (CLEP). These examinations are administered nationwide. At UW-Eau Claire they are administered by the Academic Testing office, Schofield 226. Students receive the course equivalency in effect when they matriculate. Rather than a letter grade, students receive a mark of "CP." For prerequisite purposes this is equivalent to "a grade of C or above." They fall into the following two categories.

CLEP General Examinations

The University awards credit for the general examinations in Natural Sciences, Humanities, and Social Science/History. Six credits may be earned in each of these areas, to be applied toward the General Education requirements of the University.



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

CLEP Subject Examinations

The University accepts certain CLEP subject examinations (contact the Academic Testing office for a listing). Score requirements and course equivalencies are determined by the department offering the course.

Subject (course equivalent) examinations should be taken before a student has enrolled in the equivalent course or in any higher level course for which it is a prerequisite. With departmental permission, however, the student may take an examination for a course in which he/she is enrolled provided it is taken before the end of the first week of classes. Examinations for credit may not be used to repeat courses already attempted at or transferred to UW-Eau Claire. For current equivalencies see the Academic Testing webpage—<http://www.uwec.edu/Testing/creditbyexam/clep.htm> or contact Academic Testing, Schofield 226.

Departmental Examinations

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

For information about application procedures and fees, see the Academic Testing office (Schofield 226) or the Associate Dean of the College offering the course.

ACADEMIC STANDING AND PROGRESS

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

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

Good academic standing. The definition of good academic standing includes University standards for satisfactory academic progress during a semester (conditions 2 and 3, below). Academic standing is determined twice each year, once at the end of the fall semester and once at the end of the spring semester. It is not determined at the end of Summer Session or Winterim Session.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

FORGIVENESS OF EARLIER ACADEMIC RECORD

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

1. Students must not have been enrolled in an institution of higher learning for at least five continuous years prior to admission/readmission to UW-Eau Claire **except** for completion of courses which were a precondition for admission/readmission.

2. After admission/readmission, students must earn a GPA of 2.50 or higher in the first 12 credits which count toward the minimum degree requirements at UW-Eau Claire before applying for forgiveness.

3. The request for forgiveness must be approved by the student's adviser, the Department Chair if the student has declared a major, and the Dean of the College in which the student is enrolled. The approved request will be forwarded to the Registrar.

4. If forgiveness is granted, all courses taken five or more years prior to admission/readmission (and the grades received) will continue to appear on the student's record, but the student's total GPA will be based solely on credits earned after admission/readmission to UW-Eau Claire.

5. If forgiveness is granted, all credit hours with a grade of "D-" or above earned five or more years before admission/readmission, up to a maximum of 30, may be used to satisfy degree requirements even though they are not included in the student's total GPA.

6. Forgiveness of grades earned five or more years before admission/readmission may be granted only once.

Both the academic forgiveness policy and application form are available on the Registrar's Web site at: www.uwec.edu/registrar/student. Choose Student Services.



MAJORS WITH ADMISSION REQUIREMENTS

(See college, departmental, and program catalog pages for additional information.)

Major/ College	Art & Design B.F.A. Comprehensive Major	Biochemistry Molecular Biology	Liberal Studies	Organizational Leadership and Communication	Business	Health Care Administration	Nursing	Public Health- Environmental Public Health
Application deadline		Anytime after the admission requirements are met			Semester in which admission requirements are met	HCAD and COB admissions coincide but require separate appli- cations. Applications accepted in October and March, deadlines announced yearly.	December 1 and May 1— Eau Claire campus December 1 and May 1— Marshfield campus	
Credits required prior to program admission		31 credits			54 credits	54 credits	30 credits	
Minimum GPA	3.00 GPA in Art and Arth upon entrance and throughout program				At least 2.60 GPA. (Transfer students must have at least a 2.00 GPA on all completed UWEC coursework.)	2.75 resident and total GPA	At least 3.00 cumulative GPA	
Special grade/ course requirement	Min. of 18 Art & Design credits incl. Art 107, 108 110, Arth 201, and two studio art courses. Max. of 30 Art credits (earned and enrolled) prior to BFA Entrance Review.	2.70 in five required courses	Completion of LS 201		2.20 GPA in all five admission courses	2.20 GPA in all five admission courses	At least 2.50 in three of five required science courses—two must be lab science courses	
Other requirements	Satisfactory completion of B.F.A. Entrance Review	English Competency Requirement (Grade of C or above in Engl 110, 112; Hhrs 101; or equivalent)		Completion of AAS degree in UW Colleges or completion of Associate degree in liberal studies compar- able to AAS degree, or comparable coursework.	Complete the Student Professional Development Program workshops	Complete the Student Professional Development Program workshops	High school rank in class, ACT or SAT scores, and essay may be used	
Enrollment limitations		Students admitted according to GPA				Admission limited to practicum cohort	Highly selective; mini- mum GPA rarely enough	
Admission to Internship/ Student Teaching (where applicable)					Interns must meet college admission requirements unless the student is registering for IS 320.	Complete all major required coursework with a C- or above grade. Internship: Completion of a criminal background and caregiver check.		Enph 435 necessary in summer between Jr./Sr. year. ENPH 432 required spring before ENPH 435.

MAJORS WITH ADMISSION REQUIREMENTS
(See college, departmental, and program catalog pages for additional information.)

Major / College	MC-EA Pre-Program	EA-A / EC-A Pre-Program	MC-EA / EA-A / EC-A	Special Education	Communication Sciences and Disorders (both comprehensive and standard)	Kinesiology-Athletic Training	Kinesiology-Human Performance	Kinesiology-Movement Studies	Kinesiology-Physical Ed. Teaching	Kinesiology-Sport Pedagogy	Social Work
Application deadline	Pre-ed status along with requirements below (*) prior to enrolling in ES 203	EA-A / EC-A Pre-Program	October 1 and March 1	October 1 and March 1		April 1	Fall and Spring semester while enrolled in Kins 309		October 1 and March 1		Prior to 4:30 p.m. on the Friday of the second week of classes
Credits required prior to program admission	14 credits*	14 credits*	30 credits	30 credits		Completion of 25 or more credits	30 credits or more	30 credits or more	30 credits		60 credits
Minimum GPA	At least 2.75* resident and total GPA	At least 2.75* resident and total GPA	At least 2.75 resident and total GPA	At least 2.75 resident and total GPA	At least 3.0 CSD GPA and 2.75 resident and total GPA to enroll in CSD 370 and 470	At least 2.75 total GPA	At least 2.75 resident, major and total GPA	At least 2.75 total GPA	At least 2.75 resident and total GPA	At least 2.75 total GPA	2.50 in Biol 151; Idis 100; Pals 110; Psysc 100, 230; Soc 101; SW 220, 285
Special grade / requirement	C or above in English 110, 112 or Honors 101	C or above in English 110, 112 or Honors 101	C or above in English 110, 112 or Honors 101; C- or above in Sped 205	C or above in English 110, 112 or Honors 101; C- or above in Sped 205	Grade of C or above in all courses for the CSD comprehensive and standard majors by grad.; (grade into below)**	Kins 274 or current Amer. Red Cross CPR/ First Aid cards, Grade B or above in Kins 204	Completion of Kins 304, 308, and 309				C or above in Biol 151; Idis 100; Pals 110; Psysc 100, 230; Soc 101; SW 220, 290
Other	Passing scores on PPST*	Passing scores on PPST*	Passing PPST scores; portfolio, including recommendations evaluated by department	Passing PPST scores; portfolio, including recommendations evaluated by department		50 hours of observation under direct supervision of a certified athletic trainer	Submission of application, resumé, cover letter, and performance in Kins 304, 308, 309		Submission of application, resumé, interview, and performance in Kins courses		Good academic standing; submission of application, essay, and degree audit
Enrollment limitations		Highly selective; admission from pre-program not guaranteed	Highly selective; minimum GPA often not enough	Highly selective; minimum GPA often not enough		Selective; 12 to 15 students per year semester	Selective; maximum of 30 students per year		Selective; 20-24 students		Maximum of 30 students per semester
Admission to Internship / Student Teaching (where applicable)	STUDENT TEACHING-MC-EA, EA-A, EC-A 2.75 resident, total, and professional education GPA; recommendation of dept.; passing score(s) on Praxis II content exam(s)	EA-A / EC-A Pre-Program	Recommendation of dept.; B- or above in courses listed; 2.67 GPA in specialization courses; passing score(s) on Praxis II content exam(s)	Recommendation of dept.; B- or above in courses listed; 2.67 GPA in specialization courses; passing score(s) on Praxis II content exam(s)	Graduate students only		Completion of Kins 309, 355, and 358; current Amer. Red Cross First Aid and CPR certification or equivalent; completion background information disclosure check, and internship description		See Student Teaching Criteria for EC-A		Apply by Feb. 1 of year preceding internship; 2.50 GPA in specified SW courses; acceptance by agency, criminal background and caregiver check

**Grade of C or above in one GE-I math course, one GE-II biological science course, one GE-II physical science course, and one GE-III social/behavioral science course

University Graduation Requirements

BACCALAUREATE DEGREES

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

Items marked with an asterisk (*) are more fully explained in the pages following the summary.

Summary of Graduation Requirements for Baccalaureate Degrees Credit Requirements

Minimum total for graduation 120 credits

NOTE: Certain programs exceed this minimum.

Upper division credits (courses numbered 300 and higher).....39 credits

Curricular Requirements

- *English Competency
(English composition with a grade of C or above)..... 5 credits
- *Mathematics and/or Statistics Competency
Competency Examination or 3 credits
- *Foreign Language/Foreign Culture
(see the following description)
- *Cultural Diversity.....3 credits
- *Service-Learning..... 30 hours
- *General Education.....39 credits
- *Wellness Theory and Physical Activity 2 credits
- *Major-minor Concentration—minimum unique
credit requirement.....60 credits

Grade Point Requirements

- *Total 2.00 average
- *Resident.....2.00 average
- *Major.....2.00 average

NOTE: See special requirements in each College.

University Residency Requirements

- *Minimum total 30 credits
- *Senior year 23 credits
- *Major, in upper division courses
- *Major, Standard..... 12 credits
- *Major, Comprehensive..... 21 credits

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

Procedures Required for Graduation

- *Obtain admission to the degree program and/or the College offering it.
- *Apply for graduation on MyBlugold.

NOTE: Requirements for all graduate degrees are published in the Graduate Catalog.

ENGLISH COMPETENCY REQUIREMENT

All students seeking a baccalaureate degree under the provision of this catalog must satisfy the English competency requirement by earning five credits for Engl 110 with a grade of C or above. Students who have partially completed the composition requirement at another institution may be eligible to complete the competency requirement by passing Engl 112 (see prerequisites for English 112) with a grade of C or above. Students who received a score of four (4) or five (5) on either of the English Advanced Placement tests are eligible to complete the competency requirement by taking and passing Engl 112 with a grade of C or above (see prerequisites for English 112).

MATHEMATICS/STATISTICS COMPETENCY REQUIREMENT

A minimum competency in mathematics and/or statistics is required of all students before completion of the sophomore year. The required competency can be demonstrated in one of three ways: (1) earning three credits in a university level mathematics and/or statistics course with a grade of C (not C-) or above, or a mark of S; or (2) achieving a satisfactory score on a mathematics and/or statistics competency examination; or (3) achieving a score on the mathematics placement test that qualifies the student to enter Math 112, 113, or 114 as determined by the Department of Mathematics.

The Colleges and some programs have selected specific mathematics and/or statistics courses which fulfill the requirement for their majors. For information, consult the appropriate College or Department section of this catalog. For information on the competency examinations available to meet the requirement, consult the Department of Mathematics chair or the Advising and Academic Testing office.

FOREIGN LANGUAGE/FOREIGN CULTURE REQUIREMENT

All students seeking the baccalaureate degree must satisfy the foreign language/foreign culture requirement. The goal of this requirement is to develop an understanding of foreign countries or regions. The requirement can be met in one of four ways:

(a) demonstrating competency at the 102-level in a foreign language by achieving a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language or completing a 102-level foreign language course (or AIS 112 or CSD 103) with a grade of C (not C-) or above, or mark of S.

NOTE: Some academic plans require foreign language competency at the 102-level or higher.

(b) earning credit (and maintaining good academic standing) in either a full semester of study abroad or approved internship abroad, or incrementally through a combination of short term study abroad and courses designated as fulfilling the foreign culture requirement. The incremental value of a short term study abroad program is available in the Center for International Education, Schofield 3.

(c) earning a minimum of nine credits of Foreign Culture courses. Courses which fulfill the foreign culture requirement are on the following list.

(d) earning credit in a 101- or 102-level foreign language course (or a course from AIS 111, 112; CSD 101, 102, 103) AND earning at least six credits in foreign culture courses.

Students who are not native speakers of English may satisfy this requirement by completing the English competency requirement for the baccalaureate degree and demonstrating competency in their native language.

FOREIGN CULTURE COURSES (FC)

The following have been approved as Foreign Culture (FC) courses. These courses are broadly based and enhance understanding of contemporary life in foreign countries or regions. An FC course addresses most, but not necessarily all, of the following aspects of one or more foreign countries or regions: cultural, social, linguistic, historical, political, religious, intellectual, philosophical.

AIS / ANTH	161	Introduction to Cultural Anthropology
AIS / ARTH	324	Survey of North American Indian Art
AIS / RELS	330	Indigenous Religions of the Americas
AIS / ARTH	335	Ancient Art and Architecture of Mexico and Central America
AIS / ARTH	337	Art of Tawantinsuyo
ANTH / AIS	161	Introduction to Cultural Anthropology
ANTH	315	Language in Culture and Society
ANTH	345	Japanese Culture and Society
ANTH	351	Cross-Cultural Dynamics
ANTH	355	Peoples of Africa
ANTH / WMNS	356	Women in Cross-Cultural Perspective
ARTH	201	Art of the 20th Century
ARTH	225	History of Graphic Design
ARTH / AIS	324	Survey of North American Indian Art

ARTH	333	Art Since 1955	LAS /SPAN	367	Survey of Latin American Literature
ARTH/AIS	335	Ancient Art and Architecture of Mexico and Central America	LAS	390	Latin American Studies Immersion Experience
ARTH/AIS	337	Art of Tawantinsuyo	LAS	450	Capstone for Latin American Studies
BIOL	390	Biological Immersion Experience	LAS/SPAN	475	Topics in Latin American Literature
ECON	353	Economics of Pacific Asia	LAS /SPAN	476	The Novel in Latin America I: 1850-1950
ECON	355	Economic Development of the Third World	LAS /SPAN	477	The Novel in Latin America II: 1950-Present
ECON/LAS	356	Economic Development of Latin America	LAS /SPAN	480	Latin American Literature and Film
ECON/WMNS	357	Women and Economic Development	MGMT	345	Managing Global Organizations
ECON	390	Global Economics Immersion Experience	MKTG	335	International Marketing
ENGL	130	Intro to World/Post Colonial Literature	MUSI	225	World Music
ENGL	330	Topics in World/Postcolonial Literature	MUSI	290	Music and Culture Abroad
ENGL/WMNS	332	Women in African Literature	MUSI	303	Music History 1900 to Present
ENGL	430	Seminar in World/Post Colonial Literature	PHIL	365	Existentialism
FLG	150	Foreign Civilization and Culture	PHIL	371	Postmodernism
FLTR/LAS	350	Spanish-American Literature in Translation	POLS	121	The Politics of Global Cultural Relations
FLTR	392	Foreign Film as Cultural Expression	POLS	260	Introduction to Comparative Politics
FREN	335	Expression Ecrite et Orale	POLS	265	Problems of the Developing Nations
FREN	340	French for Professional Communication	POLS/LAS	319	Politics of Latin America
GEOG	111	Human Geography	POLS/LAS	320	Caribbean Politics
GEOG	301	Geography of Western Europe	POLS	321	Politics of the Middle East
GEOG	308	Geography of Russia and Eastern Europe	POLS	322	Politics of Russia
GEOG	319	Geography of the Middle East and North Africa	POLS	323	Politics of Eastern Europe
GEOG/LAS	321	Geography of Latin America	POLS	324	Politics of Asia
GEOG	366	Geography International Immersion Experience	POLS	327	Politics of Continental Europe
GEOG	369	Geography of Food	POLS	336	Arab-Israeli Conflict
GEOG	378	International Environmental Problems and Policy	POLS	390	Culture and Politics
GEOL	390	Geologic Immersion Experience	RELS	100	Introduction to the Religions of the World
GERM	313	Grammar Review and Composition	RELS	110	Basic Issues in Religion
GERM	314	Current Events: Speaking, Reading, and Writing	RELS/WMNS	203	Women and World Religions
GERM	315	German for Business I	RELS	210	Religion and Morality
GERM	316	German for Business II	RELS	290	Sacred Earth: Religion and Nature
GERM	340	Introduction to Reading German Literature	RELS	309	Islam
GERM	363	Modern Germany	RELS	312	Buddhism: Past and Present
HIST	124	World History to 1500	RELS	314	Hinduism
HIST	125	World History Since 1500	RELS	323	Chinese and Japanese Religions
HIST	204	Western Civilization Since 1660	RELS/AIS	330	Indigenous Religions of the Americas
HIST	252	Modern East Asia	RELS	333	New Religious Movements
HIST	284	The Nazis and Germany, 1914-1945	RELS	350	Modern Religious Thought
HIST	286	History of World War II	SPAN/LAS	352	Contemporary Latin American Civilization
HIST	292	Origins of Current World Conflicts	SPAN/LAS	367	Survey of Latin American Literature
HIST/LAS	311	Latin America Since Independence	SPAN/LAS	475	Topics in Latin American Literature
HIST	318	History of Europe and Mediterranean Worlds	SPAN/LAS	476	The Novel in Latin America I: 1850-1950
HIST	319	Comparative Transnational and Pacific World History	SPAN/LAS	477	The Novel in Latin America II: 1950-Present
HIST	326	Twentieth Century Europe, 1900 to Present	SPAN/LAS	480	Latin American Literature and Film
HIST	360	Modern France	SPAN/WMNS	482	Women in Latin American Literature
HIST	362	Modern Germany	WMNS/RELS	203	Women and World Religions
HIST	366	History of Middle East Since Muhammad	WMNS	301	Examining Women's Studies
HIST	375	Twentieth Century Russia	WMNS/ENGL	332	Women in African Literature
HIST	376	World War I and II Military	WMNS	335	Transnational /Global Feminism
HIST	381	Comparative Genocide	WMNS/ANTH	356	Women in Cross-Cultural Perspective
HIST	382	Imperialism Since 1800	WMNS/ECON	357	Women and Economic Development
HIST	383	Development of Modern Africa	WMNS/SPAN	482	Women in Latin American Literature
HIST	384	The Vietnam War			
HIST	388	Modern China			
HIST	389	History of Japan			
INTS	145	Study Abroad Cultural Orientation			
INTS	170	British Life and Civilization			
INTS	180	Chinese Culture and Civilization I			
INTS	181	Chinese Culture and Civilization II			
INTS	370	British Life and Civilization II			
INTS	381	Contemporary China			
INTS	395	Directed Studies			
INTS	399	Independent Study - Juniors			
INTS	499	Independent Study - Seniors			
JAPN	301	Advanced Japanese Language and Culture I			
JAPN	302	Advanced Japanese Language and Culture II			
LAS	150	Introduction to Latin American Studies			
LAS /HIST	311	Latin America Since Independence			
LAS /POLS	319	Politics of Latin America			
LAS /POLS	320	Caribbean Politics			
LAS /GEOG	321	Geography of Latin America			
LAS /FLTR	350	Latin American Literature in Translation			
LAS /SPAN	352	Contemporary Latin American Civilization			
LAS /ECON	356	Economic Development of Latin America			



CULTURAL DIVERSITY REQUIREMENT

All candidates for the baccalaureate degree must satisfactorily complete the equivalent of at least three credits of content in a course or courses dealing with the following groups: African American, Hispanic, American Indian, or Asian American.

Courses which fulfill the cultural diversity requirement are listed below. Some Colleges have identified equivalents for these courses which fulfill the requirement for their majors. Students should consult with their advisers for details.

CULTURAL DIVERSITY COURSES

The following courses have been approved to meet the University Cultural Diversity Requirement. Some Colleges have identified specific courses from this list which students in those Colleges must take to meet the requirement. Students should consult the appropriate section of this catalog and their advisers for details.

Approved for Three Credits (CD3)

AIS	101	Introduction to American Indian History and Cultures
AIS	102	Introduction to American Indian Expressive Cultures
AIS	111	Studies in American Indian Languages I
AIS	112	Studies in American Indian Languages II
AIS /ENGL	142	Introduction to Literature of the American Indian
AIS /HIST	240	American Indian History
AIS /ENGL	242	The American Indian in Literature and Film
AIS /POLS	250	American Indian Politics
AIS	314	Ojibwe Language Camps
AIS /GEOG	322	Native Geographies
AIS /ANTH	325	North American Indians
AIS /ENGL	345	American Indian Autobiography
AIS /ENGL	346	Major Works in American Indian Literature
AIS/HIST	369	Wisconsin Indian History
AIS /WMNS	374	Ojibwe Women, Eco-Feminism, and Botanical Knowledge
ANTH/AIS	325	North American Indians
ECON	330	Economics of American Minorities
ENGL/AIS	142	Introduction to Literature of the American Indian
ENGL/AIS	242	The American Indian in Literature and Film
ENGL/AIS	345	American Indian Autobiography
ENGL/AIS	346	Major Works in American Indian Literature
ES	385	Social Foundations: Human Relations
ESL	310	Multicultural Literature for Non-Native Speakers of English
GEOG/AIS	322	Native Geographies
HIST/WMNS	205	American Women's History
HIST	210	African American History 1865 to Present
HIST/AIS	240	American Indian History
HIST	317	History of Race in the U.S.
HIST	344	African American Civil Rights Movement, 1914-Present
HIST/AIS	369	Wisconsin Indian History
HMNG	101	Beginning Hmong I
HMNG	102	Beginning Hmong II
HUMS	110	Hmong Civilization and Culture
HUMS	210	Voices of Color in America
IDIS	302	Race and Racism in the USA
LAS	222	Introduction to U.S. Latino History and Culture
MUSI	319	North American Indian Music
MUSI	338	Jazz History and Analysis
NRSG	389	Cross Cultural Health
POLS/AIS	250	American Indian Politics
POLS	350	Group and Minority Politics
POLS	353	Afro-American Politics
S W	405	Ethnic-Sensitive Social Work Practice
SOC	312	Race and Ethnicity in the U.S.
WMNS/HIST	205	American Women's History
WMNS	200	Introduction to Feminist Theories
WMNS	215	African-American Feminism in the Humanities
WMNS/AIS	374	Ojibwe Women, Eco-Feminism, and Botanical Knowledge

Approved for Two Credits (CD2)

AIS /ARTH	324	Survey of North American Indian Art
AIS /RELS	330	Indigenous Religions of the Americas
ARTH/AIS	324	Survey of North American Indian Art
C J	301	Intercultural Communication

CSD	485	Serving Diverse Populations
ES	411	Methods of Bilingual/Bicultural Content-Based Instruction and Curriculum Design
GEOG	188	Cultural Landscapes of North America
LAS	150	Introduction to Latin American Studies
LAS /SPAN	312	Latinos in the U.S.
MUSI	111	Folk Music in the U.S.
MUSI	114	Evolution of Jazz
RELS/AIS	330	Indigenous Religions of the Americas
SPAN/LAS	312	Latinos in the U.S.

Approved for One Credit (CD1)

ANTH	315	Language in Culture and Society
ANTH	463	Religion and Culture
BSAD	300	Diversity in the Workplace
CJ/WMNS	111	Gender, Race, Class and Communication
C J	202	Fundamentals of Speech (when taken at UW-Eau Claire only)
ECON	201	Introduction to Political Economy
ECON/WMNS	337	Women and the Labor Market
ECON	375	Urban Economics
ENGL	243	American Literature to 1865
ENGL	244	American Literature from 1865-1945
ENGL	245	American Literature Since 1945
ENGL/WMNS	296	Perspectives on Women's Literature
ES /WMNS	436	Education of Girls and Women in the United States
GEOG	111	Human Geography
GEOG	325	Geography of the United States and Canada
GEOG	470	Urban Geography
HCAD	411	Cultural Competency and Globalization
HIST	114	United States History to 1877
HIST	115	United States History Since 1877
HIST	320	History of the Americas
HIST	330	Colonial America
HIST	334	Early Nationalism and Jacksonian Democracy
HIST	336	Sectionalism, Civil War, and Reconstruction
HIST	338	America in Transition, 1877-1917
HIST	342	Recent US History (1945-Present)
HIST	358	The American West
HIST/WMNS	373	American Women's History to 1870
HIST	377	American War in the Post 1945 World
HIST/WMNS	378	American Women's History Since 1870
HIST	480	History of Wisconsin
IDIS	173	Introduction to Social Justice
KINS	262	Health in a Global Society
KINS	313	Sociology of Sport and Physical Activity
LAS /SPAN	352	Contemporary Latin American Civilization
MKTG	331	Buyer Behavior
MUSI	112	History of Rock and Pop
MUSI	225	World Music
MUSI	303	Music History 1900 to Present
MUTX	312	Therapeutic Application of Dance and Movement
NRSG	225	Introduction to Public Health
NRSG/WMNS	265	Women's Health Issues
POLS	312	American Political Thought
POLS	342	Public Opinion and Political Behavior
PSYC/WMNS	336	Psychology of Women
PSYC	435	Theories and Research in Developmental Psychology
RELS	100	Introduction to the Religions of the World
RELS/WMNS	203	Women and World Religions
RELS	290	Sacred Earth: Religion and Nature
RELS	348	Religious Themes in Literature
RELS	390	Religion in America
SOC	314	Social Class and Inequality
SOC	417	Comparative Family Systems
SOC /WMNS	419	Sociology of Women
SPAN/LAS	352	Contemporary Latin American Civilization
WMNS	100	U.S. Women's Experience: Gender, Race, and Class
WMNS/CJ	111	Gender, Race, Class and Communication
WMNS	200	Introduction to Feminist Theories
WMNS/RELS	203	Women and World Religions
WMNS	210	Culture of Third Wave Feminism
WMNS/NRSG	265	Women's Health Issues
WMNS/ENGL	296	Perspectives on Women's Literature

WMNS	301	Examining Women's Studies
WMNS/PSYC	336	Psychology of Women
WMNS/ECON	337	Women and the Labor Market
WMNS/HIST	373	American Women's History to 1870
WMNS/HIST	378	American Women's History Since 1870
WMNS	406	Queer Theories and Sexual Politics
WMNS/SOC	419	Sociology of Women
WMNS/ES	436	Education of Girls and Women in the United States
WMNS	440	Lesbian Lives and Cultures
WMNS	447	Design and Domesticity
WMNS	490	Feminist Analysis and Practices: Interdisciplinary Themes

Cultural Diversity Variable (CDV)

AIS /HIST	368	Studies in American Indian History
CND	490	Special Topics
HIST/ AIS	368	Studies in American Indian History
HNRS	102	Honors Colloquium
HNRS	103	Honors Colloquium
HNRS	104	Honors Colloquium
HNRS	105	Honors Colloquium
HNRS	301	Honors Colloquium
HNRS	302	Honors Colloquium
HNRS	303	Honors Colloquium
HNRS	304	Honors Colloquium

SERVICE-LEARNING REQUIREMENT

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

A guidebook available at the Center for Service-Learning's Web site, www.uwec.edu/sl, outlines the UW-Eau Claire service-learning graduation requirement and describes the procedures for its completion. This information is provided to assist students, faculty/staff members, and community project supervisors in designing and undertaking projects that provide both rich experiences for UW-Eau Claire students and substantial benefits for the community.

The Service-Learning Requirement

The University of Wisconsin-Eau Claire established the Service-Learning graduation requirement in 1995. The following University policy statement describes the Service-Learning mission, goals and objectives, and guidelines.

Service-Learning Mission Statement

February 25, 2005

As a public liberal-arts university, the University of Wisconsin-Eau Claire commits to educating students for full participation in society. One essential aspect of full participation is public service. The Service-Learning requirement fosters habits of public engagement in our students and encourages them to serve society.

At UW-Eau Claire, Service-Learning includes both service and learning to promote the common good. Service-Learning is service because it must benefit others. Service-Learning can make education a collaborative effort where students benefit society by exercising both the rights and responsibilities of citizenship.

Service-Learning is learning because it must educate students. It challenges them to apply concepts and principles they have learned in their college coursework to their other experiences—and to apply experiential insights critically and creatively to their college learning. Service-Learning also fosters academic and personal growth.

Service-Learning is an important part of an undergraduate liberal arts experience that prepares students for a life of informed, ethical, responsible, and active citizenship.

Mission Statement	Text Goals	Objectives
<ul style="list-style-type: none"> Educate students for full participation in society. Perform public service. Foster habits of public engagement. Encourage service to society. 	Foster habits of community engagement in each UW-Eau Claire student.	1. Each student will contribute at least 30 hours of service-learning.
<ul style="list-style-type: none"> Promote the common good. Benefit others. 	Each UW-Eau Claire student will promote the common good.	2. Each service-learning project will address a need within a community.
<ul style="list-style-type: none"> Make education a collaborative effort. 	Each UW-Eau Claire student will collaborate in responsibly serving society.	3. Each service-learning project will involve collaboration among the student, the mentor, and a community partner.
<ul style="list-style-type: none"> Exercise both the rights and responsibilities of citizenship. 	Each UW-Eau Claire student will demonstrate civic engagement.	4. In the service-learning report, each student will identify how the experience developed skills, attitudes, and abilities appropriate to citizenship in a democratic society.
<ul style="list-style-type: none"> Educate students. Challenge them. 	Each UW-Eau Claire student will self-learn something significant in a service environment.	5. Each service-learning project proposal will contain a rationale for significant learning. 6. Each service-learning project will be reported to a UW-Eau Claire mentor. 7. Each service-learning project report will contain evidence of independent learning.
<ul style="list-style-type: none"> Apply concepts and principles from college coursework to their other experiences. Apply experiential insights critically and creatively to their college learning. Foster academic growth. 	Each UW-Eau Claire student will integrate college coursework and service-learning experiences to synthesize significant new insights into nature and value of his/her academic education.	8. Each service-learning report will explain how the project relates directly to either a) the student's major or minor area of study or b) one or more goals of the baccalaureate.
<ul style="list-style-type: none"> Foster personal growth. 	Each UW-Eau Claire student will reflect on the personal value of his/her service.	9. In the service-learning project report, each student will reflect on his/her personal growth.
<ul style="list-style-type: none"> Prepare for a life of informed, active citizenship. 	Service-Learning will encourage each UW-Eau Claire student to continue informed, active citizenship throughout his/her life.	10. Each service-learning project will include reflection on life-long learning and public service.

GUIDELINES FOR SERVICE-LEARNING PROJECTS

Derived from the mission, goals, and objectives of the service-learning program, the following policy statements provide general guidance to all parties as they plan together for a service-learning project.

- **STUDENT CHOICE** Students' sincerely held beliefs, preferences, and values will be reasonably accommodated in approving service-learning proposals.
- **NONDISCRIMINATION** Consistent with accepted interpretation of affirmative action policies of the University of Wisconsin-Eau Claire, service-learning proposals will not be approved that exclude students, mentors, and/or recipients from the service-learning activity based on race, religion, creed, color, sex, gender identity or expression, ancestry, national origin, age, marital status, sexual orientation, disability, veteran's status, military service, arrest and conviction record, or political affiliation.
- **WILLING RECIPIENTS** To be approved, service-learning proposals must focus on willing recipients.
- **RELIGIOUS ACTIVITY** Service-Learning proposals involving cooperation with faith-based organizations may be approved; however, this public university will not award credit for time spent directly involved in promoting religious doctrine, proselyting, or worship. Students who wish to work with a faith-based organization are encouraged to consult the Center for Service-Learning in developing their proposals.
- **FOR-PROFIT ACTIVITY** Service-learning proposals involving for-profit agencies may be approved if they are part of an agency's charitable activities. Service-learning proposals that focus on seeking private monetary profit will not be approved.
- **NONENDORSEMENT** Approval of a service-learning proposal indicates that the proposal is accepted for meeting the service-learning requirement; it does not imply endorsement either of the proposed activities or of the recipient by the University of Wisconsin-Eau Claire.

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

Non-credit Option: A student may fulfill the service-learning requirement—without receiving course credit—through work with an on-campus group or off-campus community organization. To fulfill the requirement under this option, students must work with the Center for Service-Learning. Students may complete projects in the Eau Claire area or elsewhere, individually or in groups, and during the academic year or over break periods. Projects sponsored by local agencies ("community partners") are posted in Davies Center, Campus School, on the Center for Service-Learning Web site, and at the Center for Service-Learning, Human Sciences and Services 205. Students may also devise their own projects. The Center for Service-Learning must approve a noncredit option project before the student begins it.

A student pursuing a noncredit option must work with a faculty or academic staff mentor who also approves his/her service-learning project proposal, helps establish learning objectives, and assists the student in attaining those objectives. The mentor also facilitates the student's reflection upon completion of the project, and certifies the student has met the service-learning requirement.

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

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

Credit Option—Selected Course: A student may complete a course designated in this catalog or the current Class Schedule as satisfying

one-half (15 hours) or the full (30 hours) service-learning requirement. In some courses, the service-learning activity may be optional.

Students seeking more information about the service-learning requirement should consult their advisers or contact the Center for Service-Learning, Human Sciences and Services 205.

SERVICE-LEARNING COURSES

Service-Learning Full (SL-Full) (30 hours)

AIS	314	Ojibwe Language Camps
AIS	480	Capstone
AIS	498	Internship
ART	476	Graphic Design VI: Advanced Graphic Communication
BIOL	296	Student Academic Experience
BIOL	329	Field Experience in Conservation Biology
BIOL	496	Student Academic Apprenticeship
BIOL	498	Internship in Biology
BSAD	210	Service-Learning in Business Administration
CHEM	296	Student Academic Apprenticeship in Chemistry
CND	480	Nursing within Systems: Analysis and Application
C J	427	Advanced Reporting
CJ	479	Public Relations Management
C J	498	Internship
C S	321	Web Design and Development
C S	485	Software Engineering II
CRMJ	498	Criminal Justice Internship
CSD	470	Clinical Practicum in Communication Disorders I
ECON	498	Professional Internship
ENGL	397	English Composition Tutoring
ENGL	498	Internship in Writing
ENPH	435	Practicum in Environmental Public Health
ES	385	Social Foundations: Human Relations
ES	485	Field Studies of Minority Groups
GEOG	498	Community Internship - Geography
HCAD	401	Fundamental Field Experience Skills
HCAD	403	Resident Service Management
HCAD	404	Quality Management in Health Care
HCAD	405	Health Services Human Resources Management
HCAD	406	Information Use and Systems
HCAD	407	Financial Management in Health Care
HCAD	408	Marketing and Public Relations in Health Services
HIST	397	Student Academic Apprenticeship in History
HIST	486	Seminar in Public History
HIST	498	Internship
HNRS	410	Mentoring in Honors
HNRS	420	Tutoring in Honors
IS	220	Service-Learning in IS
KINS	328	Elementary Physical Education Lab
KINS	416	Athletic Training Lab and Practicum IV
KINS	466	Community Fitness Programming
KINS	484	Adapted Physical Education
KINS	491	Practicum in Exercise Management
KINS	492	Coaching Practicum and Seminar
KINS	493	Practicum in Special Physical Education
KINS	494	Practicum in Exercise Science
KINS	498	Human Performance Internship
MGMT	210	Service-Learning in Management
MKTG	210	Service-Learning in Marketing
MUSI	478	Directing Practicum - Cabaret Productions
MUSI	498	Music Internship
MUTX	449	Internship in Music Therapy
NRSG	345	Nursing: Health and Health Deviations of Adults I, Theory and Practice
NRSG	352	Nursing Practice: Adults II
NRSG	368	Nursing Practice: Children, Families, and Communities
NRSG	422	Nursing Practice: Health Enhancement
NRSG	438	Nursing Practice: Children and Families with Health Deviations
NRSG	450	Health Care in Rural Areas
NRSG	472	Nursing Practice: Application and Reflection
POLS	397	Student Academic Apprenticeship in Political Science
POLS	498	Internship
PSYC	385	Practicum in Applied Behavior Analysis
PSYC	480	Internship in Applied Behavior Analysis I

PSYC	481	Internship in Applied Behavior Analysis II
SW	290	Human Rights and Global Justice
S W	315	Aging and the Aged
S W	481	Social Work Internship
S W	482	Social Work Internship - International
SOC	498	Sociology Internship
SPED	335	Pre-student Teaching Experiences with Individuals with Learning Disabilities
SPED	404	Pre-student Teaching Experiences with Individuals with Mild Disabilities
THEA	498	Theatre Arts Internship
WMNS	496	Capstone Seminar for Women's Studies

Service-Learning Half (SL-Half) (15 hours)

ACCT	210	Service-Learning in Accounting
ACCT	404	Income Tax Assistance
CJ	351	Strategic Event Planning
C J	450	Human Resource Development Seminar
FIN	210	Service-Learning in Finance
FIN	310	Financial Literacy Program
FIN	410	Advanced Financial Literacy Program
HIST	386	Introduction to Public History
KINS	303	Planning, Implementation, and Assessment: Fitness Concepts
MUTX	312	Therapeutic Application of Dance and Movement
NRSG	333	Wellness in the Work World
PHIL	498	Internship in Philosophy
PSYC	353	Health Psychology

Service-Learning Optional (SL-Optnl) (Up to 30 hours)

BIOL	181	Conservation of the Environment Lab
BSAD	398	Internship Program I
BSAD	498	Internship Program II
C J	459	Communication Research Seminar
C S	490	Computer Science Practicum
C S	498	Computer Science Internship
ENGL	398	English Language Arts Festival Practicum
F LG	375	Internship Experience
HIST	399	Independent Study - Juniors
HIST	488	Proseminar in History
HIST	489	Research Seminar
HIST	499	Independent Study - Seniors
IDIS	230	Experiential Internship
INTS	498	International Education Internship
MATH	498	Mathematics Internship
MGMT	398	Internship Program I
MGMT	414	Small Business Consulting
MGMT	498	Internship Program II
MKTG	332	Marketing Communications and Promotion Analysis
MKTG	334	Marketing Research
MKTG	398	Internship Program I
MKTG	498	Internship Program II
POLS	341	Political Parties, Elections, and Voting
WMNS	100	U.S. Women's Experience: Gender, Race, and Class
WMNS	301	Examining Women's Studies

Service-Learning Optional Half (SL-Optional/Half) (Up to 15 hours)

BIOL	390	Biological Immersion Experience
GEOG	352	Business Geographics
GEOL	106	Earth Science
GEOL	390	Geologic Immersion Experience
LAS	390	Latin American Studies Immersion Experience
PHIL	397	Student Academic Apprenticeship in Philosophy
RELS	397	Student Academic Apprenticeship in Religious Studies
RELS	498	Internship in Religious Studies
WMNS	490	Feminist Analysis and Practices: Interdisciplinary Themes

Service-Learning Variable (SL-Variable) (Varies)

ENGL	394	Student Mentor
WMNS	498	Women's Studies Internship

WELLNESS REQUIREMENT

All candidates for the baccalaureate degree must satisfactorily complete one semester credit in wellness theory courses and one semester credit in physical activity courses. The requirement is designed to provide students with a comprehensive exposure to wellness. Courses numbered KINS 100-189 may be used to satisfy the physical activity requirement. The courses which satisfy the wellness theory requirement are listed below. KINS 186 satisfies both the physical activity and wellness theory requirement.

The one required credit in physical activity courses is counted in the minimum total of 120 credits for graduation. Additional credits may be earned in physical activity courses but may not be counted toward the minimum total of 120 credits for graduation (see Kinesiology and Athletics for exceptions).

The Department of Kinesiology and Athletics provides adaptations in physical activity courses for students who have a medical excuse from a physician and approval of the Student Health Service. Students who have completed basic training/boot camp for the military will be awarded one credit of physical activity. Evidence should be provided through presentation of military identification, a transcript from the American Council on Education (ACE) Registry showing completion of the Basic Combat Training Course, or discharge papers (D. D. 214) to the Registrar's Office.

WELLNESS COURSES

Wellness (W)

BIOL	196	Human Nutrition
BIOL	354	Concepts in Advanced Nutrition
ENPH	210	Introduction to Environmental Health
IDIS	260	Techniques of the Singing/Speaking Voice
IDIS	301	Exploring Mind/Body Connections
KINS	186	Wellness Concepts and Health Related Fitness
KINS	196	Wellness Concepts
KINS	262	Personal Health in a Global Society
KINS	335	Introduction to School Health Education and Current Health Issues
KINS	361	Physical Education and Health Education for Teachers of Grades K-8
NRSG	211	Wellness: Food for Fitness
NRSG	212	Navigating Health Care
NRSG	213	Body, Mind, Spirit Wellness
NRSG	225	Introduction to Public Health
NRSG/WMNS	265	Women's Health Issues
NRSG	285	Men's Health Issues
NRSG	300	Travelers' Health
NRSG	333	Wellness in the Work World
NRSG/S W	360	Death and Bereavement
S W /NRSG	360	Death and Bereavement
S W	424	Alcohol and Other Drug Abuse
WMNS/NRSG	265	Women's Health Issues

GENERAL EDUCATION REQUIREMENTS

Experience and learning have always communicated the interdependencies and interrelationships that exist between persons and things—and today, because of the increasingly powerful technologies of information gathering, communication, and transportation, it is even more vital for students to see that specialized knowledge alone is not sufficient to meet the challenges of reasonable and responsible living in a complex world. Specialties enable persons to be successful as professionals. General Education must enable them to be successful as human beings.

The General Education program is provided to help each student attain the basic competencies, breadth of knowledge, and critical judgment which characterize a mature and responsible individual in the modern world. More specifically, the program is designed to: (1) stimulate and direct learning throughout life; (2) provide exposure to typical modes of inquiry within the disciplines; (3) promote active learning and a critical response to what is read, heard, and seen; and (4) broaden individual perspectives and emphasize relationships with other fields of study, other cultures, or other times.

The General Education Program seeks to develop further the abilities and skills of students by fostering: (1) extensive communication and analysis; (2) an elevated social conscience and commitment to a life of involvement and public service; and (3) opportunities to study and to develop a system of values. The program seeks to infuse an integrated and intentional learning experience for students.

College Requirements. Any College of the University may establish additional or more specific General Education requirements for any or all of its degree programs. Such modifications are published in the appropriate College section of this catalog.

University Requirements. The five categories of the program offer a wide range of choice and ensure a basic understanding of representative disciplines. From these options the student, in consultation with an adviser, can plan a program which permits exploration of areas outside the major/minor concentration, in directions suited to individual needs and interests. Each candidate for a baccalaureate degree must earn a minimum of 39 credits in courses applicable to General Education requirements, distributed among the five categories as indicated below.

Courses taken to satisfy requirements for a major or minor program may be counted toward the satisfaction of General Education requirements, within the restrictions noted below. Appropriate credits earned by examination may also be applied to the General Education program. Six College Level Examination Program (CLEP) general credits may be counted as satisfying the requirements of one subcategory in each of the second, third, and fourth categories (Natural Sciences, Social Sciences, and Humanities), for a maximum of 18 credits representing three subcategories.

Restrictions:

1. No more than 10 credits from any one course prefix may be counted toward General Education requirements. (Cross-listed courses with prefixes such as AIS and Wmns are credited to the GE category and subcategory of the corresponding home department courses.)

2. Departments may designate certain specialized or professional courses as inapplicable to General Education requirements. These courses are identified in catalog descriptions as "Not for GE" (in the College of Arts and Sciences only). Applicable courses are identified as "GE-IA, GE-IB," etc.

Distribution:

CATEGORY I. Communications.

Language skills afford a powerful means of discovering both ourselves and our world, allowing us to preserve and ponder our experience, to shape and reshape it. Enhanced language ability serves as a catalyst for intellectual and emotional growth. Analytical skills provide the foundation for expressing logical and mathematical relationships, giving us basic tools with which to solve the ordinary as well as the technical problems in life.

Requirements: A minimum of six credits, including at least one course from two of the three subcategories:

- A. Language Skills
 - American Indian Studies 111 and 112
 - Communication/Journalism
 - English (language and composition courses, excluding Engl 110 and 112)
 - Foreign Languages (language and composition courses)
- B. Analytical Skills
 - Computer Science
 - Mathematics
 - Philosophy (logic courses)
- C. Interdisciplinary Studies—Communications (including Wmns 431)

CATEGORY II. Natural Sciences.

Science explores the phenomena of the natural world, illustrating the diversity and beauty of nature. Students of the natural and physical sciences will learn to analyze scientific data and search for informative patterns. In addition, they will be introduced to scientific theories and laws that will enable them to evaluate the

many technological and scientific issues of modern society.

Requirements: Nine to 12 credits from at least two of the six subcategories. At least one course must be a laboratory science* course.

- A. Biology
- B. Chemistry
- C. Geography (physical geography courses)
- D. Geology
- E. Physics
- F. Interdisciplinary Studies—Natural Sciences (including Materials Science; Wmns 432)

*See Degree Requirements in each College for information on laboratory science courses.

CATEGORY III. Social Sciences.

Because the social sciences investigate the behavior of individuals, groups, and social institutions, study in these disciplines encourages the appreciation of the wide range of cultural diversity that exists among societies. In order to make wise and humane choices in a free society, we must come to understand the scope and direction of change in social, political, and economic institutions. Furthermore, we come to a fuller understanding of the ways social interaction and institutions shape our personal identity.

Requirements: Nine to 12 credits from at least two of the seven subcategories:

- A. Anthropology
- B. Economics
- C. Geography (cultural geography courses)
- D. Political Science
- E. Psychology
- F. Sociology
- G. Interdisciplinary Studies—Social Sciences (including AIS 101, AIS/WMNS 374; Crmj; LAS 150, 390; Wmns 200, 222, 310, 335, 375, 422, 433, 440)

CATEGORY IV. Humanities.

The humanities provide a breadth of perspective on the richness of the human experience, past and contemporary. By studying the range of expression in literature and the arts, we become acquainted with the beauty, depth, and variety of human creativity. We improve our standards of judgment and appreciation as well as our personal powers of observation and reflection.

Requirements: Nine to 12 credits from at least two of the five subcategories:

- A. Fine Arts—Art, Art History, Dance, Music, Theatre Arts
- B. Philosophy (excluding logic courses), Religious Studies
- C. History
- D. Literature (English literature, Foreign Languages literature and civilization courses)
- E. Interdisciplinary Studies—Humanities (including AIS 102, Humanities, Interdisciplinary Studies, International Studies, Latin American Studies, Women's Studies)

CATEGORY V. University Wide General Education.

The rich diversity of courses offered for General Education by the Colleges of Business, Education and Human Sciences, and Nursing and Health Sciences is a focus of Category V. General Education Courses from all Colleges that cross categories I-IV are a part of this category. Students may include up to six credits from this category in General Education.



THE RONALD E. McNAIR SEMINAR SERIES

These four seminars, along with the intensive six-week Summer Research Institute, assist McNair Scholars to appreciate, prepare, and undertake collaborative research, and to report findings for presentation and publication in preparation for graduate school. The McNair Seminars provide an interdisciplinary and historical perspective on the American research community for students who desire to become college professors/researchers. The coordinating department for the following courses is Undergraduate Studies, McNair Program office, OL 2134.

IDIS 380 McNair Fall Seminar for Juniors

2 crs. • F • P: Minimum resident and total GPA 2.50. • Department Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• 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.

IDIS 381 McNair Spring Seminar for Juniors

2 crs. • Sp • Field Trip(s) Required • P: IDIS 380. Resident and total GPA of 2.50. • Department Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• 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.

IDIS 480 McNair Fall Seminar for Seniors

2 crs. • F • Field Trip(s) Required • P: IDIS 381. Minimum resident and total GPA of 2.50. • Department Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• 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.

IDIS 481 McNair Spring Seminar for Seniors

1 cr. • Sp • P: IDIS 480. Minimum resident and total GPA of 2.50. • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

• 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.

MAJOR-MINOR CONCENTRATION

Each candidate for a baccalaureate degree must present at minimum 60 unique* credits earned in either of the following ways:

- One standard major of at least 36 semester credits plus one minor of at least 24 semester credits, or
- One comprehensive major of at least 60 semester credits (no minor required)

As another option, a minor may be replaced by a second standard major; however, a student who elects this option, or any combination of majors and/or minors beyond the minimum required, should be aware of the UW System policy whereby credits earned beyond 165 (or 30 credits beyond the total required for a program, whichever is higher) will be assessed at a higher level of tuition.

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

When completing two programs (i.e., two majors or a major-minor combination), a student must earn at least 60 unique credits between the two programs. In any combination of two majors, a major and a minor, or two minors, if certain courses are required in both programs, an overlap of no more than 12 credits is permitted. When an overlap exists between two majors, or between a major and minor, additional credits must be

earned in the major and/or minor if needed to meet the required total of 60 unique credits.

*To be considered *unique*, a credit may be counted only once in the 60-unique-credit total required in any major-major or major-minor combination.

GRADE POINT REQUIREMENTS

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

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

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

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

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

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

UNIVERSITY RESIDENCY REQUIREMENTS

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

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

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

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

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

CREDIT-BEARING CERTIFICATE PROGRAMS

Certificate programs offer an opportunity for an individual to earn college credit and advance towards a credential that certifies a significant level of achievement within a prescribed area. As the rate of change in the workplace accelerates, more people find it necessary to engage in continuous learning to meet the challenges of new duties and responsibilities, or changes of career. Often their need is for in-depth study that goes beyond what is generally provided in noncredit professional development activities.

Certificates may be earned by degree-seeking students, as well as by members of the community who are not pursuing a University degree. Guidelines and standards will be identical for both groups. Certificate programs usually consist of no less than 12 credits for undergraduate certificates (nine credits for graduate certificate programs) and not more than 18 credits.

At least 50 percent of the credits applied to the certificate program requirements must be taken through UW-Eau Claire. Departments or colleges proposing certificate programs have the right to specify (a) admission requirements for entry into a certificate program, (b) minimum GPA requirements for course and certificate completion, and (c) applicability of the S/U option, if any. A 2.00 GPA is the minimum requirement for certificate completion for undergraduate programs, and a 3.00 GPA is required for graduate certificate programs.

Specific certificates and their requirements are listed within their applicable department or college.

ADMISSION TO A COLLEGE OR PROGRAM

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

UNDERGRADUATE ADVISING AT UW-EAU CLAIRE

Advising Philosophy

Because academic advising is an important component of a student's academic experience, the university has established a structure intended to bring each student into a friendly, helpful, *collaborative* relationship with a faculty or academic staff member who shares the student's academic or professional interests. Advising is most effective when it is viewed as a developmental process in which the students and advisers work as partners. Students have the ultimate responsibility for monitoring their progress toward graduation and they should work closely with their advisers to develop a corresponding academic and career plan. Advisers should serve as a resource for students, providing accurate information and referring them to appropriate sources of help through the university.

Advising Structure

Each student is assigned an adviser as part of new student orientation. Students who have not yet chosen a major (undeclared) are assigned an adviser in the office of Advising and New Student Initiatives (Schofield 226). Special students and students admitted with a conditional status are also advised in this office. A student who has decided upon a major field of study is assigned to a faculty member from the appropriate department. Students in pre-professional programs are given a faculty adviser familiar with the requirements in those areas. Students should also consult with an adviser in the department of their minor.

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



Students must see an adviser at the following times:

- All freshmen and sophomores, as well as juniors and seniors who are not in good standing, and all students with a major in the College of Business must consult with an adviser prior to registration. They receive a Personal Advising Code or PAC at this time.
- All new transfer students, regardless of classification must see an adviser prior to registering. This is done as part of the Orientation program.
- All students must see an adviser prior to withdrawing from a class.

In addition, juniors and seniors in good academic standing are encouraged to continue meeting with an adviser at least once a semester.

Advising Responsibilities

Student Responsibility

It is the responsibility of all advisees to:

- Take the initiative in seeking advising and, with the aid of their advisers, develop a degree plan.
- Understand and fulfill all degree requirements.
- Understand academic policies and become familiar with important deadlines.
- Learn to read and use the degree audit.
- Meet regularly with an adviser to confer on educational matters, including long range academic and career planning, personal interests and abilities, course selection and choice of major(s), work load, withdrawing from class, and problems related to academic achievement.
- Prepare thoroughly for those appointments.
- Use appropriate student services: i.e. career planning, counseling, tutoring, services for students with disabilities, and other resources available at the university.

Adviser Responsibility

It is the responsibility of advisers to:

- Be available to their advisees, maintaining a reasonable number of office hours and communicating by other appropriate means.
- Initiate meetings with new advisees and to monitor closely freshman advisees and those who are experiencing academic difficulties.
- Meet with all advisees during the student's freshman and sophomore years and with juniors and seniors in academic difficulty prior to registration and sign all course withdrawals throughout the student's undergraduate career. Help their advisees to develop and implement a comprehensive, long-range academic and career plan and to understand the relationship between the curriculum and their future plans.
- Work with advisees to track their progress towards their degree and provide consultation for students on such matters as course selection, balancing work, and school, and academic achievement.
- Address advisees' concerns by referring them to appropriate student services.
- Be knowledgeable about the requirements of a particular major, the General Education program, specific degree requirements, academic policies and regulations of the University.
- Help students understand the value of their liberal arts based education.

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

DEGREE PLANNING

Students should consult their faculty advisers and develop degree plans as early as possible, so that requirements can be met without delaying graduation. The Registrar's Office provides a **Degree Audit** for each student at the beginning of each registration period; and a student may request a degree audit at any time on MyBlugold. This audit monitors the progress which the student is making toward the declared degree. The Audit is a tool designed to assist the student in course planning. Final confirmation of degree requirements is subject to department, college, and university approval.

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

Catalog Base for Degree Plan. In planning their degree programs, students must follow the curricular requirements of the catalog under which they entered UW-Eau Claire or upon notification to their department of a more recent catalog. Students who are absent from the University for two or more consecutive semesters must follow the catalog in effect at the time of their re-entry. Since Degree Audits are computer-generated reports applying an individual student's enrollment history to degree requirements as stated in the catalog, **any deviation** from published requirements for the degree must be authorized by a waiver/substitution form signed by the student's dean. Students who wish to appeal an institutional decision or response relating to their request for academic substitutions or waivers may do so by using the Student Academic Grievance Procedures published in the Student Services and Standards handbook available in the Student Affairs and Dean of Students Office, Schofield 240.

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

APPLICATION FOR GRADUATION

Each candidate for a baccalaureate degree must apply for graduation via MyBlugold by the end of the first week of undergraduate priority registration for the semester of intended graduation. Failure to apply for graduation on time may result in the postponement of graduation. Although only two commencement ceremonies are held—May and December, students may graduate in May, August, or December.

APPLICABILITY OF CREDITS TOWARD GRADUATION

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

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

WTCS Credits. A maximum of 72 semester credits earned in college parallel programs at Madison Area Technical College, Milwaukee Area Technical College, Nicolet Area Technical College, or Chippewa Valley Technical College may be accepted as degree credits at UW-Eau Claire. A set number of general education courses will be accepted from other technical schools. Occupational and technical courses may also be considered for transfer if the quality and content of the coursework from the technical college is judged to be comparable to coursework at UW-Eau Claire. Refer to the Transfer Information System (www.uwsa.edu/tis) or contact the UW-Eau Claire Admissions office for information about the current transfer policy.

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

Activity Credit (band, chorus, drama, etc.). Students may count toward graduation no more than four credits earned in any single activity course, and no more than 12 credits resulting from any combination of activity courses (excluding Kinesiology activity courses). Students may count toward graduation no more than one credit of physical activity courses (see Wellness Requirement).

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

SECOND BACCALAUREATE DEGREE

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

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

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

(1) Be admitted to the second bachelor's degree after completion of the first bachelor's degree from UW-Eau Claire or another college or university,

(2) Students who are seeking a second bachelor degree should contact the Financial Aid Office to review how this process will affect their financial aid,

(3) All second degree students must have their transcripts reviewed and their plan of study approved by the Associate Dean for the college from which they are seeking the second degree,

(4) Obtain 30 credits beyond the first degree, of which at least 23 must be taken in residence,

(5) Satisfy all major/minor and other degree-specific requirements of the second degree,

(6) Satisfy the cultural diversity requirement,

(7) It is presumed that the University graduation requirements in English competency, mathematics/statistics competency, foreign language/foreign culture, general education, physical activity and wellness, and service-learning are satisfied by the completion of a baccalaureate degree,

(8) Two degrees may not be awarded in the same term,

(9) The GPA for the second degree will be calculated based on the coursework that was completed after graduation from the first bachelor degree,

(10) Academic distinction for the second bachelor degree is computed based on the credits earned towards the completion of the second degree.

COMPLETION AFTER GRADUATION

Students may, after graduating with a bachelor's degree from the University of Wisconsin-Eau Claire, complete an additional major or minor. Students need not apply for readmission to UW-Eau Claire. When all coursework—which must be taken at UW-Eau Claire—toward the additional major or minor program has been completed, students should contact the Registrar's Office to initiate a review of the additional information. A statement in the memorandum area of the transcript will be added, noting the completion of such, with the date of completion.

COMMENCEMENT EXERCISES

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

In order to participate in a commencement ceremony, students must file an application for graduation and must meet at least one of the following conditions: (1) completion of all requirements for the bachelor's or master's degree, or (2) current enrollment in the courses necessary to complete all requirements, or (3) completion of all degree requirements with exception of a mandatory internship that will be completed for the specific term. Students who will complete all requirements for the degree during the first Three-Week Summer Session are August graduates, but may request permission to attend the May commencement ceremony. Students completing all requirements for the degree in January may attend the prior December ceremony; and students completing all requirements in August may attend the following December ceremony.

GRADUATION WITH DISTINCTION

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

Summa Cum Laude—at least 3.80.

Magna Cum Laude—at least 3.50.

Cum Laude—at least 3.20.

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



University Honors Program and Courses

The University Honors Program enables high-achieving, high-potential, highly motivated students to go as far in their intellectual and professional development as possible in four years of undergraduate study. The program offers a dynamic, inclusive, innovative learning community in which students and faculty from every university college and program learn and work together closely in an atmosphere of common intellectual enterprise, mutual respect, and the free exchange of ideas. The program offers an enhanced education, enabling students to integrate Honors General Education courses, Honors interdisciplinary seminars, Honors work in their major and minor programs, and Honors experiential learning opportunities into a coherent, high-value, individualized whole.

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

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

Admission to the University Honors Program. There are several ways to gain admission to the University Honors Program. Incoming freshmen are invited based on scores achieved on either the ACT or SAT and their academic standing in their high school graduating classes. Automatic invitations are issued to students with 28 and up ACT composite scores who rank in the top 5% of their graduation classes, 29 ACT and top 10%, 30 ACT and top 15%. All students admitted to UW-Eau Claire with at least a 26 ACT composite score, rank in class of top 10% or higher, or 3.75 high school GPA will automatically be considered for admission to Honors in a holistic review process. Students who have completed at least 15 academic credits at UW-Eau Claire may be admitted after demonstrating superior academic performance including attaining at least a 3.67 GPA. Students highly motivated to do Honors work should consider petitioning the University Honors Council for admission. Consult the Director of the University Honors Program for more information.

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

1. Attainment of a resident and total GPA of at least 3.50.
2. Completion of one-credit first-year seminar, Hnrs 100, or an Honors FYE (First-Year-Experience course).
3. Completion of at least 24 credits of University Honors courses, usually a mix of Honors colloquia and Honors electives (at least two courses at the 300-level). Hnrs 410, Mentoring in Honors, and Hnrs 420, Tutoring in Honors, each count as one 3-credit Honors course. These courses may be used to meet General Education, major, or minor requirements as well as the requirements of the Honors Program.
4. Completion of Hnrs 400: Senior Honors Seminar (one credit).

Honors Program courses may not be audited or taken for a Satisfactory / Unsatisfactory grade.

One AP course with a score of at least 4, or 1 IB course with a score of at least 5, may be substituted for one of the required Honors courses.

An appropriate designation will be placed on a student's record upon completion of honors courses and of the program. Credits earned in honors courses meet graduation requirements whether or not the program is completed. A current schedule of available honors courses may be obtained from the Director of the University Honors Program or on the Honors Program website

HONORS SEMINARS

HNRS 100 First-Year Honors Seminar

1 cr. • F, Sp • GE-IV; HONOR • A-F Grades Only • P: 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.

HNRS 400 Senior Honors Seminar

1 cr. • F, Sp • GE-IV; HONOR; CP • May be repeated for a maximum of 2 credits • A-F Grades Only • P: Limited to students in the University Honors Program. • Department Consent Required

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.

HNRS 410 Mentoring in Honors

1 cr. • F, Sp • GE-IV; HONOR; SL-Full • A-F Grades Only • P: 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 Director of the University Honors Program, credit may be earned in both HNRS 410 and HNRS 420. • 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.

HNRS 420 Tutoring in Honors

1 cr. • F, Sp • GE-III; HONOR; SL-Full • A-F Grades Only • P: 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. • 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.

HONORS COLLOQUIA

These are courses especially designed for honors students and usually embrace more than the approach of a single academic discipline. Every Honors colloquium meets General Education requirements. The relevant GE category is indicated by the final digit of the course number. Thus Honors 102 apply to requirements in Category II: Natural Sciences.

The content of colloquia varies from semester to semester.

HNRS 102 Honors Colloquium

3-4 crs. • V • CDV; GE-II; HONOR • May be repeated • A-F Grades Only • P: Limited to students in the University Honors Program.

Focuses on topics in the natural sciences.

HNRS 103 Honors Colloquium

3-4 crs. • V • CDV; GE-III; HONOR • May be repeated • A-F Grades Only • P: Limited to students in the University Honors Program.

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

HNRS 104 Honors Colloquium

3-4 crs. • V • CDV; GE-IV; HONOR • May be repeated • A-F Grades Only • P: Limited to students in the University Honors Program.

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

HNRS 105 Honors Colloquium

3-4 crs. • V • CDV; GE-V; HONOR • May be repeated • A-F Grades Only • P: Limited to students in the University Honors Program.

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

HNRS 301 Honors Colloquium

3-4 crs. • V • CDV; GE-IA; HONOR • May be repeated • A-F Grades Only • P: Limited to students in the University Honors Program.

An upper-division course that involves language, communication, and analytical skills.

HNRS 302 Honors Colloquium

3-4 crs. • V • CDV; GE-II; HONOR • May be repeated • A-F Grades Only • P: Limited to students in the University Honors Program.

An upper-division course that focuses on topics in the natural sciences.

HNRS 303 Honors Colloquium

3-4 crs. • V • CDV; GE-III; HONOR • May be repeated • A-F Grades Only • P: Limited to students in the University Honors Program.

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

HNRS 304 Honors Colloquium

3-4 crs. • V • CDV; GE-IV; HONOR • May be repeated • A-F Grades Only • P: Limited to students in the University Honors Program.

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

Department or College Honors. A growing number of departments offer students the opportunity to earn honors in their major programs. These programs include the departments of Biology, Chemistry, Communication Sciences and Disorders, Computer Science, Economics, English, Geology, History, Mathematics, Music and Theatre Arts, Nursing, Philosophy and Religious Studies, Physics, Political Science, Social Work, and Sociology. In addition, the programs in Criminal Justice (see the multidisciplinary Program section) and in Spanish (see the Department of Foreign Languages) also offer their majors Honors programs.

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

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.

Students may not register for both cross-listed courses in the same term. Students must register for the same curricular area both times if/when repeating a course for grade replacement (e.g., if the course was originally taken as POLS 351, it must be repeated as POLS 351 for the grade to automatically replace the original grade).

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.



College of Arts and Sciences

MARTY WOOD, DEAN (SCHOFIELD 138)

BERNARD DUYFHUIZEN, ASSOCIATE DEAN—BUDGET, PERSONNEL AND SCHEDULING (SCHOFIELD 136)

MARGARET L. CASSIDY, ASSOCIATE DEAN—ACADEMIC AFFAIRS AND CURRICULUM (SCHOFIELD 136)

MICHAEL R. WEIL, ASSOCIATE DEAN—STUDENT ACADEMIC AFFAIRS AND SPECIAL PROJECTS (SCHOFIELD 134)

Departments:

Art & Design
Biology
Chemistry
Communication and Journalism
Computer Science
Economics
English
Foreign Languages
Geography and Anthropology
Geology
History
Mathematics
Music and Theatre Arts
Philosophy and Religious Studies
Physics and Astronomy
Political Science
Psychology
Sociology

Programs:

American Indian Studies
Latin American Studies
Materials Science
Women's Studies
Watershed Institute for Collaborative Environmental Studies

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

PLACEMENT AND COMPETENCY INFORMATION

Placement and Competency Tests

The UW System Mathematics Placement Test and the Foreign Language Placement Tests are given during the orientation periods for new freshmen and transfers. Further information about placement or competency tests is available from the chair of the appropriate department or the Registrar's Office (Schofield 128).

Registration Requirements

I. All students in the College of Arts and Sciences (undeclared students, students with a declared Arts and Sciences major, or pre-professional students) must complete the English competency requirement (grade of C or above in Engl 110) by the semester in which their total

semester credits will equal or surpass 60 credits. Certain transfer students may complete the English competency requirement by completing Engl 112 with a grade of C or above. See page 119 to determine eligibility to take Engl 112.

- II. All students in the College of Arts and Sciences (undeclared students, students with a declared Arts and Sciences major, or pre-professional students) must successfully complete the Bachelor of Arts Mathematics Competency, or the Bachelor of Science Mathematics Competency, or the Bachelor of Liberal Studies Mathematics Competency, or the Bachelor of Professional Studies Mathematics Competency, or the Bachelor of Fine Arts Mathematics Competency, or the Bachelor of Music Mathematics Competency by the semester in which their total semester credits will equal or surpass 60 credits.
- III. All students who have not completed the Bachelor of Science Mathematics Competency will be considered Bachelor of Arts candidates and must demonstrate competency in a foreign language at the level of a 102 course (i.e., two semesters of college work) by the semester in which their total semester credits will equal or surpass 60 credits.
- IV. All students who transfer to UW-Eau Claire with 59 or fewer earned semester credit hours must meet the appropriate requirements listed in I, II, and III above as appropriate in order to register for any semester or summer session after they have earned 60 semester credit hours including credits in progress.
- V. All students who transfer to UW-Eau Claire with 60 or more earned semester credit hours and who intend to register as a student in the College of Arts and Sciences (undeclared students, students with a declared Arts and Sciences major, or pre-professional students) must meet the requirements listed in I, II, and III in order to register for any semester or summer session.

Degree Requirements

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements (page 38).

College Graduation Requirements: Grade Point Averages. All candidates for degrees in the College of Arts and Sciences must earn minimum resident and total GPAs of 2.00 in both the major and the minor. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor are computed similarly.

College Graduation Requirement: Upper-Level General Education Requirement. All candidates for degrees in the College of Arts and Sciences must complete at least nine credits in General Education courses numbered 300 or above from at least two of the five General Education categories.

Major-Minor Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits). No minor is required with a Comprehensive Major (60 or more credits) or with two majors of 36 or more credits each. Any combination of standard major and minor, or two majors must contain 60 unique credits.

Certain degree programs which include Comprehensive Majors may require more than the minimum of 120 credits for graduation.

A major and a minor (or two majors, if available) may not be elected in the same department, except in the approved combinations listed on page 51.

DEGREES AND CURRICULA

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

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

Standard majors:

(Liberal Arts)

American Indian Studies (Interdisciplinary)
Art
Biology
Chemistry
Communication
Computer Science
Economics
English
French
Geography
Geology
German
History
Journalism
Latin American Studies (Interdisciplinary)
Mass Communication
Mathematics
Music
Philosophy
Physics
Political Science
Psychology
Religious Studies
Sociology
Spanish
Theatre Arts
Women's Studies (Interdisciplinary)

Comprehensive majors:

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

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

Comprehensive major: Liberal Studies-Liberal Arts (Interdisciplinary)

Bachelor of Professional Studies (B.P.S.)

Comprehensive major: Organizational Leadership and Communication-Liberal Arts (Interdisciplinary)

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

Comprehensive major: Art

Bachelor of Music (B.M.)

Comprehensive major: Music

Majors

All College of Business majors are accepted for Arts and Sciences degrees as second majors. (Exception: Health Care Administration majors.)

Minors

College of Arts and Sciences minors. A standard Liberal Arts minor is offered in each discipline (except Art) in which a standard Liberal Arts major is available. In addition, all but five (Anthropology, Art History, Dance, Japanese, and Spanish for Health Professions) of the following minors are described in the section on interdisciplinary programs.

Ancient Studies
Anthropology (Department of Geography and Anthropology)
Art History (Department of Art & Design)
Computational Science
Dance (Department of Music and Theatre Arts)
Environment, Society, and Culture
Environmental Science
Family Studies
Gerontology
Global Studies
Japanese (Department of Foreign Languages)
Language Studies
Marine Science
Middle East Studies
Pre-Professional Health Science
Russia and East European Studies
Spanish for Health Professions (Department of Foreign Languages)
Teaching English as a Foreign Language
Topical Minor

College of Business minors accepted for Arts and Sciences degrees:

Accounting
Business Administration
Business Finance
Information Systems
International Business
Management
Marketing

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

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

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

Major and Minor Combinations in a Single Department. A major and a minor, or two majors (if available), may be elected within a single department only in the following approved combinations:

Department of:

Art & Design

Art (Code 020-208) and ArtH (Code 030-401)

Foreign Languages

Any two languages

Geography and Anthropology

Geog (Code 140-214) and Anth (Code 470-401)

Music and Theatre Arts

Musi (Code 060-201) and Thea (Code 601-422)

Musi (Code 060-201) and Dnce (Code 605-400)

Thea (Code 601-223) and Dnce (Code 605-400)

Thea (Code 601-223) and Musi (Code 060-401)

Musi (Code 060-201) and Thea (Code 601-223)

Philosophy and Religious Studies

Rels (Code 411-201) and Phil (Code 400-400)

Phil (Code 400-200) and Rels (Code 411-401)

Phil (Code 400-200) and Rels (Code 411-201)

BACHELOR OF ARTS DEGREE IN THE COLLEGE OF ARTS AND SCIENCES (B.A.)

Candidates for the degree of Bachelor of Arts in the College of Arts and Sciences must meet all general graduation requirements of the University (see University Graduation Requirements) and all College requirements for major/minor emphases, GPAs, and upper-level general education credit. Candidates for the B.A. degree also must meet the following College requirements which are specific to the degree:

- Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.
- Foreign Language.** Foreign Language competency for the B.A. degree can be met in one of two ways:
 - Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language.
 - Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or CSD 103).
- Mathematics.** Mathematics competency for the B.A. degree can be met in one of three ways:
 - Achieve a score on the mathematics placement test that qualifies the student to enter Math 112, 113, or 114.
 - Earn a grade of at least C (not C-) or a mark of S in Math 104, 106, 108, 109, or 246.
 - Achieve a satisfactory score on the Math 109 competency test. This test may be attempted no more than two times.
- General Education Requirements.** Fulfill the University requirements for General Education (GE) by earning at least 45 credits in courses designated as GE, distributed as follows.

NOTE: Earning the minimum credits in each category will not total 45 credits.

 - Communications.** Six to nine credits, with at least three credits from Subcategory A and three credits from Subcategory B:
 - Language Skills: American Indian Studies 111, 112; Communication/Journalism; English (language and composition courses, excluding English 110 and 112); Foreign Languages (language and composition courses); Interdisciplinary Studies—GE-IA.
 - Analytical Skills: Computer Science; Mathematics (only those courses identified as GE-IB); Philosophy (logic courses); Interdisciplinary Studies—GE-IB.
 - Interdisciplinary Studies—Communications (including Wmns 431).
 - Natural Sciences.** Nine to 12 credits (including at least one laboratory course*) from at least two of the six Subcategories: A. Biology; B. Chemistry; C. Geography (physical); D. Geology; E. Physics; F. Interdisciplinary Studies—Natural Sciences (including Materials Science; Wmns 432).

*The following courses have been designated as fulfilling the laboratory science requirement: Biol 100, 110, 111, 151, 181, 195, 214, 320, 356, 390, 392; Chem 100, 103, 104, 115, 325; Geog 104; Geol 106, 110, 115, 118, 390; Idis 125; Msci 100; Phys 100, 205, 211, 212, 226, 229, 231, 232.
 - Social Sciences.** Nine to 12 credits of coursework, including at least one course from two of the seven Subcategories:
 - Anthropology; B. Economics; C. Geography (cultural); D. Political Science; E. Psychology; F. Sociology; G. Interdisciplinary Studies—Social Sciences (including AIS 101; AIS/Wmns 374; Criminal Justice; LAS 150, 390; Wmns 200, 222, 310, 335, 375, 422, 433, 440).
 - Humanities.** Fifteen credits, including at least one course from four of the five Subcategories:
 - Fine Arts—Art, Art History, Dance, Music, Theatre Arts.
 - Philosophy (excluding logic courses), Religious Studies.
 - History.
 - English (literature courses), Foreign Languages (literature and civilization courses).
 - Interdisciplinary Studies—Humanities (including AIS 102, Humanities, Interdisciplinary Studies, International Studies, Latin American Studies, Women's Studies).
 - University-Wide General Education.** Up to six credits. Includes courses that cross General Education categories I-IV as well as selected courses from the Colleges of Business, Education and Human Sciences, and Nursing and Health Sciences.

BACHELOR OF SCIENCE DEGREE IN THE COLLEGE OF ARTS AND SCIENCES (B.S.)

Candidates for the degree of Bachelor of Science in the College of Arts and Sciences must meet all general graduation requirements of the University (see University Graduation Requirements) and all College requirements for major/minor emphases, GPAs, and upper-level general education credit. Candidates for the B.S. degree also must meet the following College requirements which are specific to the degree:

- Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.
- Foreign Language/Foreign Culture.** The requirement for the B.S. degree can be met in one of four ways:
 - Demonstrate competency at the 102-level in a foreign language by achieving a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language or earning a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or CSD 103).
 - Earn credit in either a full semester of study abroad or approved internship abroad; or incrementally through a combination of short term study abroad and courses designated as fulfilling the foreign culture requirement.

NOTE: The incremental value of a short term study abroad program is available in the Center for International Education, Schofield 3.
 - Earn a minimum of nine credits in foreign culture courses.
 - Earn credit in a 101- or 102-level foreign language course (or a course from AIS 111, 112; CSD 101, 102, 103); and earn at least six credits in foreign culture courses.
- Mathematics.** Mathematics competency for the B.S. degree can be met in one of three ways:
 - Achieve a score on the mathematics placement test that qualifies the student to enter Math 114.
 - Earn a grade of at least C (not C-) or a mark of S in Math 111, 112, or 113.
 - Achieve a satisfactory score on the Math 112 competency test. This test may be attempted no more than two times.
- General Education Requirements.** Fulfill the University requirements for General Education (GE) by earning at least 45 credits in courses designated as GE, distributed as follows.

NOTE: Earning the minimum credits in each category will not total 45 credits.

 - Communications.** Six to nine credits, with at least three credits from Subcategory A and three credits from Subcategory B:
 - Language Skills: American Indian Studies 111, 112; Communication/Journalism; English (language and composition courses, excluding English 110 and 112); Foreign Languages (language and composition courses); Interdisciplinary Studies—GE-IA.
 - Analytical Skills: Computer Science; Mathematics (only those courses identified as GE-IB); Philosophy (logic courses); Interdisciplinary Studies—GE-IB.
 - Interdisciplinary Studies—Communications (including Wmns 431).
 - Natural Sciences.** Fifteen credits (including at least two laboratory courses*) from at least two of the six Subcategories: A. Biology; B. Chemistry; C. Geography (physical); D. Geology; E. Physics; F. Interdisciplinary Studies—Natural Sciences (including Materials Science; Wmns 432).

*The following courses have been designated as fulfilling the laboratory science requirement: Biol 100, 110, 111, 151, 181, 195, 214, 320, 356, 390, 392; Chem 100, 103, 104, 115, 325; Geog 104; Geol 106, 110, 115, 118, 390; Idis 125; Msci 100; Phys 100, 205, 211, 212, 226, 229, 231, 232.
 - Social Sciences.** Nine to 12 credits of coursework, including at least one course from two of the seven Subcategories:
 - Anthropology; B. Economics; C. Geography (cultural); D. Political Science; E. Psychology; F. Sociology; G. Interdisciplinary Studies—Social Sciences (including AIS 101; AIS/Wmns 374; Criminal Justice; LAS 150, 390; Wmns 200, 222, 310, 335, 375, 422, 433, 440).
 - Humanities.** Nine to 12 credits, including at least one course from two of the five Subcategories:
 - Fine Arts—Art, Art History, Dance, Music, Theatre Arts.
 - Philosophy (excluding logic courses), Religious Studies.
 - History.
 - English (literature courses), Foreign Languages (literature and civilization courses).
 - Interdisciplinary Studies—Humanities (including AIS 102, Humanities, Interdisciplinary Studies, International Studies, Latin American Studies, Women's Studies).
 - University-Wide General Education.** Up to six credits. Includes courses that cross General Education categories I-IV as well as selected courses from the Colleges of Business, Education and Human Sciences, and Nursing and Health Sciences.

BACHELOR OF LIBERAL STUDIES DEGREE IN THE COLLEGE OF ARTS AND SCIENCES (B.L.S.)

Candidates for the degree of Bachelor of Liberal Studies in the College of Arts and Sciences must meet all general graduation requirements of the University (see University Graduation Requirements) and all College requirements for major/minor emphases, GPAs, and upper-level general education credit. Candidates for the B.L.S. degree also must meet the following requirements which are specific to the degree:

- 1. Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.
- 2. Foreign Language/Foreign Culture.** The requirement for the B.L.S. degree can be met in one of four ways:
 - a. Demonstrate competency at the 102-level in a foreign language by achieving a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language or earning a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or CSD 103).
 - b. Earn credit in either a full semester of study abroad or approved internship abroad; or incrementally through a combination of short-term study abroad and courses designated as fulfilling the foreign culture requirement.
NOTE: The incremental value of a short term study abroad program is available in the Center for International Education, Schofield 3.
 - c. Earn a minimum of nine credits in foreign culture courses.
 - d. Earn credit in a 101- or 102-level foreign language course (or a course from AIS 111, 112; CSD 101, 102, 103); **and** earn at least six credits in foreign culture courses.
- 3. Mathematics.** Mathematics competency for the B.L.S. degree can be met in one of three ways:
 - a. Achieve a score on the mathematics placement test that qualifies the student to enter Math 112, 113, or 114.
 - b. Earn a grade of at least C (not C-) or a mark of S in Math 104, 106, 108, 109, or 246.
 - c. Achieve a satisfactory score on the Math 109 competency test. This test may be attempted no more than two times.
- 4. General Education Requirements.** Fulfill the University requirements for General Education (GE) by earning at least 39 credits in courses designated as applicable to GE, distributed as follows.

NOTE: Earning the minimum credits in each category will not total 39 credits.

- I. Communications.** A minimum of six credits, including at least one course from two of the three subcategories:
 - A. Language Skills: American Indian Studies 111, 112; Communication/Journalism; English (language and composition courses, excluding Engl 110 and 112); Foreign Languages (language and composition courses); Interdisciplinary Studies—GE-IA.
 - B. Analytical Skills: Computer Science; Mathematics (only those courses identified as GE-IB); Philosophy (logic courses); Interdisciplinary Studies—GE-IB.
 - C. Interdisciplinary Studies—Communications (including Wmns 431).
- II. Natural Sciences.** Nine to 12 credits (including at least one laboratory course*) from at least two of the six Subcategories:
 - A. Biology; B. Chemistry; C. Geography (physical); D. Geology; E. Physics; F. Interdisciplinary Studies—Natural Sciences (including Materials Science; Wmns 432).*The following courses have been designated as fulfilling the laboratory science requirement: Biol 100, 110, 111, 151, 181, 195, 214, 320, 356, 390, 392; Chem 100, 103, 104, 115, 325; Geog 104; Geol 106, 110, 115, 118, 390; Idis 125; Msci 100; Phys 100, 205, 211, 212, 226, 229, 231, 232.
- III. Social Sciences.** Nine to 12 credits of coursework, including at least one course from two of the seven Subcategories: A. Anthropology; B. Economics; C. Geography (cultural); D. Political Science; E. Psychology; F. Sociology; G. Interdisciplinary Studies—Social Sciences (including AIS 101; AIS/Wmns 374; Criminal Justice; LAS 150, 390; Wmns 200, 222, 310, 335, 375, 422, 433, 440).
- IV. Humanities.** Nine to 12 credits, including at least one course from two of the five Subcategories:
 - A. Fine Arts—Art, Art History, Dance, Music, Theatre Arts.
 - B. Philosophy (excluding logic courses), Religious Studies.
 - C. History.
 - D. English (literature courses), Foreign Languages (literature and civilization courses).
 - E. Interdisciplinary Studies—Humanities (including AIS 102, Humanities, Interdisciplinary Studies, International Studies, Latin American Studies, Women's Studies).
- V. University-Wide General Education.** Up to six credits. Includes courses that cross General Education categories I-IV as well as selected courses from the Colleges of Business, Education and Human Sciences, and Nursing and Health Sciences.

BACHELOR OF PROFESSIONAL STUDIES DEGREE IN THE COLLEGE OF ARTS AND SCIENCES (B.P.S.)

Candidates for the degree of Bachelor of Professional Studies in the College of Arts and Sciences must meet all general graduation requirements of the University (see University Graduation Requirements) and all College requirements for major/minor emphases, GPAs, and upper-level general education credit. Candidates for the B.P.S. degree also must meet the following requirements which are specific to the degree:

- 1. Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.
- 2. Foreign Language/Foreign Culture.** The requirement for the B.P.S. degree can be met in one of four ways:
 - a. Demonstrate competency at the 102-level in a foreign language by achieving a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language or earning a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or CSD 103).
 - b. Earn credit in either a full semester of study abroad or approved internship abroad; or incrementally through a combination of short-term study abroad and courses designated as fulfilling the foreign culture requirement.
NOTE: The incremental value of a short term study abroad program is available in the Center for International Education, Schofield 3.
 - c. Earn a minimum of nine credits in foreign culture courses.
 - d. Earn credit in a 101- or 102-level foreign language course (or a course from AIS 111, 112; CSD 101, 102, 103); **and** earn at least six credits in foreign culture courses.
- 3. Mathematics.** Mathematics competency for the B.P.S. degree can be met in one of three ways:
 - a. Achieve a score on the mathematics placement test that qualifies the student to enter Math 112, 113, or 114.
 - b. Earn three credits in a university level mathematics and/or statistics course with a grade of C (not C-) or above, or a mark of S.
 - c. Achieve a satisfactory score on a mathematics and/or statistics competency examination.
- 4. General Education Requirements.** Fulfill the University requirements for General Education (GE) by earning at least 39 credits in courses designated as applicable to GE, distributed as follows.

NOTE: Earning the minimum credits in each category will not total 39 credits.

- I. Communications.** A minimum of six credits, including at least one course from two of the three subcategories:
 - A. Language Skills: American Indian Studies 111, 112; Communication/Journalism; English (language and composition courses, excluding Engl 110 and 112); Foreign Languages (language and composition courses); Interdisciplinary Studies—GE-IA.
 - B. Analytical Skills: Computer Science; Mathematics (only those courses identified as GE-IB); Philosophy (logic courses); Interdisciplinary Studies—GE-IB.
 - C. Interdisciplinary Studies—Communications (including Wmns 431).
- II. Natural Sciences.** Nine to 12 credits (including at least one laboratory course*) from at least two of the six Subcategories:
 - A. Biology; B. Chemistry; C. Geography (physical); D. Geology; E. Physics; F. Interdisciplinary Studies—Natural Sciences (including Materials Science; Wmns 432).*The following courses have been designated as fulfilling the laboratory science requirement: Biol 100, 110, 111, 151, 181, 195, 214, 320, 356, 390, 392; Chem 100, 103, 104, 115, 325; Geog 104; Geol 106, 110, 115, 118, 390; Idis 125; Msci 100; Phys 100, 205, 211, 212, 226, 229, 231, 232.
- III. Social Sciences.** Nine to 12 credits of coursework, including at least one course from two of the seven Subcategories: A. Anthropology; B. Economics; C. Geography (cultural); D. Political Science; E. Psychology; F. Sociology; G. Interdisciplinary Studies—Social Sciences (including AIS 101; AIS/Wmns 374; Criminal Justice; LAS 150, 390; Wmns 200, 222, 310, 335, 375, 422, 433, 440).
- IV. Humanities.** Nine to 12 credits, including at least one course from two of the five Subcategories:
 - A. Fine Arts—Art, Art History, Dance, Music, Theatre Arts.
 - B. Philosophy (excluding logic courses), Religious Studies.
 - C. History.
 - D. English (literature courses), Foreign Languages (literature and civilization courses).
 - E. Interdisciplinary Studies—Humanities (including AIS 102, Humanities, Interdisciplinary Studies, International Studies, Latin American Studies, Women's Studies).
- V. University-Wide General Education.** Up to six credits. Includes courses that cross General Education categories I-IV as well as selected courses from the Colleges of Business, Education and Human Sciences, and Nursing and Health Sciences.

BACHELOR OF FINE ARTS DEGREE IN THE COLLEGE OF ARTS AND SCIENCES (B.F.A.)

Candidates for the degree of Bachelor of Fine Arts in the College of Arts and Sciences must meet all general graduation requirements of the University (see University Graduation Requirements), and all College requirements for major/minor emphases, GPAs, and upper-level general education credit. Candidates for the B.F.A. degree also must meet the following College requirements which are specific to the degree:

- 1. Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.
- 2. Foreign Language.** Foreign Language competency for the B.F.A. degree can be met in one of two ways:
 - a. Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level course in a foreign language.
 - b. Earn a grade of at least C (not C-) or a mark of S in a 102-level foreign language course (or AIS 112 or CSD 103).
- 3. Mathematics.** Mathematics competency for the B.F.A. degree can be met in one of three ways:
 - a. Achieve a score on the mathematics placement test that qualifies the student to enter Math 112, 113, or 114.
 - b. Earn a grade of at least C (not C-) or a mark of S in Math 104, 106, 108, 109, or 246.
 - c. Achieve a satisfactory score on the Math 109 competency test. This test may be attempted no more than two times.
- 4. General Education Requirements.** Fulfill the University requirements for General Education (GE) by earning at least 39 credits in courses designated as applicable to GE, distributed as follows.

NOTE: Earning the minimum credits in each category will not total 39 credits.

 - I. Communications.** Six credits with three credits from Subcategory A and three credits from Subcategory B:
 - A. Language Skills: American Indian Studies 111, 112; Communication/Journalism; English (language and composition courses, excluding Engl 110 and 112); Foreign Languages (language and composition courses); Interdisciplinary Studies—GE-IA.
 - B. Analytical Skills: Computer Science; Mathematics (only those courses identified as GE-IB); Philosophy (logic courses); Interdisciplinary Studies—GE-IB.
 - II. Natural Sciences.** Nine to 12 credits (including at least one laboratory course*) from at least two of the six Subcategories:
 - A. Biology; B. Chemistry; C. Geography (physical); D. Geology; E. Physics; F. Interdisciplinary Studies—Natural Sciences (including Materials Science; Wmns 432).

*The following courses have been designated as fulfilling the laboratory science requirement: Biol 100, 110, 111, 151, 181, 195, 214, 320, 356, 390, 392; Chem 100, 103, 104, 115, 325; Geog 104; Geol 106, 110, 115, 118, 390; Idis 125; Msci 100; Phys 100, 205, 211, 212, 226, 229, 231, 232.
 - III. Social Sciences.** Nine to 12 credits of coursework, including at least one course from two of the seven Subcategories: A. Anthropology; B. Economics; C. Geography (cultural); D. Political Science; E. Psychology; F. Sociology; G. Interdisciplinary Studies—Social Sciences (including AIS 101; AIS/Wmns 374; Criminal Justice; LAS 150, 390; Wmns 200, 222, 310, 335, 375, 422, 433, 440).
 - IV. Humanities.** Nine to 12 credits, including at least one course from two of the five Subcategories:
 - A. Fine Arts—Art, Art History, Dance, Music, Theatre Arts.
 - B. Philosophy (excluding logic courses), Religious Studies.
 - C. History.
 - D. English (literature courses), Foreign Languages (literature and civilization courses).
 - E. Interdisciplinary Studies—Humanities (including AIS 102, Humanities, Interdisciplinary Studies, International Studies, Latin American Studies, Women's Studies).
 - V. University-Wide General Education.** Up to six credits. Includes courses that cross General Education categories I-IV as well as selected courses from the Colleges of Business, Education and Human Sciences, and Nursing and Health Sciences.

BACHELOR OF MUSIC DEGREE IN THE COLLEGE OF ARTS AND SCIENCES (B.M.)

Candidates for the degree of Bachelor of Music in the College of Arts and Sciences must meet all general graduation requirements of the University (see University Graduation Requirements) and all College requirements for major/minor emphases, GPAs, and upper-level general education credit. Candidates for the B.M. degree also must meet the following requirements which are specific to the degree:

- 1. Credits.** Earn at least 90 credits in courses offered by the College of Arts and Sciences.
- 2. Foreign Language.** Foreign Language competency for the B.M. degree can be met in one of two ways:
 - a. Achieve a score on the foreign language placement test that qualifies the student to enter the 201-level French, German, Italian, or Spanish course.
 - b. Earn a grade of at least C (not C-) or a mark of S in a 102-level French, German, Italian, or Spanish course.

NOTE: Students in the Applied Voice emphasis must use either French, German, or Italian to satisfy this requirement.
- 3. Mathematics.** Mathematics competency for the B.M. degree can be met in one of three ways:
 - a. Achieve a score on the mathematics placement test that qualifies the student to enter Math 112, 113, or 114.
 - b. Earn a grade of at least C (not C-) or a mark of S in Math 104, 106, 108, 109, or 246.
 - c. Achieve a satisfactory score on the Math 109 competency test. This test may be attempted no more than two times.
- 4. General Education Requirements.** Fulfill the University requirements for General Education (GE) by earning at least 39 credits in courses designated as applicable to GE, distributed as follows.

NOTE: Earning the minimum credits in each category will not total 39 credits.

 - I. Communications.** Six to nine credits, with at least three credits from Subcategory A and three credits from Subcategory B:
 - A. Language Skills: American Indian Studies 111, 112; Communication/Journalism; English (language and composition courses, excluding Engl 110 and 112); Foreign Languages (language and composition courses); Interdisciplinary Studies—GE-IA.
 - B. Analytical Skills: Computer Science; Mathematics (only those courses identified as GE-IB); Philosophy (logic courses); Interdisciplinary Studies—GE-IB.
 - C. Interdisciplinary Studies—Communications (including Wmns 431).
 - II. Natural Sciences.** Nine to 12 credits (including at least one laboratory course*) from at least two of the six Subcategories:
 - A. Biology; B. Chemistry; C. Geography (physical); D. Geology; E. Physics; F. Interdisciplinary Studies—Natural Sciences (including Materials Science; Wmns 432).

*The following courses have been designated as fulfilling the laboratory science requirement: Biol 100, 110, 111, 151, 181, 195, 214, 320, 356, 390, 392; Chem 100, 103, 104, 115, 325; Geog 104; Geol 106, 110, 115, 118, 390; Idis 125; Msci 100; Phys 100, 205, 211, 212, 226, 229, 231, 232.
 - III. Social Sciences.** Nine to 12 credits of coursework, including at least one course from three of the seven Subcategories: A. Anthropology; B. Economics; C. Geography (cultural); D. Political Science; E. Psychology; F. Sociology; G. Interdisciplinary Studies—Social Studies (including AIS 101; AIS/Wmns 374; Criminal Justice; LAS 150, 390; Wmns 200, 222, 310, 335, 375, 422, 433, 440).
 - IV. Humanities.** Nine to 12 credits, including at least one course from three of the five Subcategories, excluding Music prefix courses:
 - A. Fine Arts—Art, Art History, Dance, Theatre Arts.

NOTE: Even though Music is one of the Fine Arts, B.M. candidates are precluded from using Music prefix courses in this category.
 - B. Philosophy (excluding logic courses), Religious Studies.
 - C. History.
 - D. English (literature courses), Foreign Languages (literature and civilization courses).
 - E. Interdisciplinary Studies—Humanities (including AIS 102, Humanities, Interdisciplinary Studies, International Studies, Latin American Studies, Women's Studies).
 - V. University-Wide General Education.** Up to six credits. Includes courses that cross General Education categories I-IV as well as selected courses from the Colleges of Business, Education and Human Sciences, and Nursing and Health Sciences.

Associate of Arts and Sciences

The Associate Degree certifies a student as having satisfactorily completed one-half the number of credits required for a baccalaureate degree program. In order to qualify for the Associate Degree, the student must:

1. Earn a minimum of 60 semester credits; 39 of these credits must apply to General Education.
2. Earn at least 30 semester credits, including the last 15 at UW-Eau Claire.
3. Earn a resident and total GPA of at least 2.00.
4. Count toward the degree no more than six credits earned on a Satisfactory/Unsatisfactory basis.
5. Complete the English competency requirement.
6. Earn one credit in a physical activity course *or* at least one credit of wellness theory.
7. Complete the cultural diversity requirement.
8. Complete the General Education requirements (Categories I, II, III, IV, and V) as specified for the baccalaureate degree.
9. Declare intention to graduate with the Associate Degree in the Registrar's Office.

Planning a Degree Program

To officially declare or change to a new major or minor, a student must go to the office of the department of the intended major or minor. A student can find specific instructions at www.uwec.edu/Registrar/Student/ChgofMajor/index.htm.

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

Joint Degrees with Professional Schools

The Board of Regents has authorized the University to grant the Bachelor of Science or Bachelor of Arts degree to students who have completed three years of residence at UW-Eau Claire and who complete the requirements for a Liberal Arts degree after transfer to a professional school. A maximum of 32 semester credits from the professional school may be applied toward the baccalaureate degree. For further information, consult the Associate Dean (Schofield 134).

Dean's List

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

- (1) be in good academic standing;
- (2) have a minimum semester GPA of 3.70;
- (3) have completed at least 12 credits during the semester, with no incompletes, no courses below the 100-level, no repeats, and no Satisfactory/Unsatisfactory registrations (except in degree credit-bearing courses that are offered only on the S/U grading system in which a grade of S has been earned).

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

Special Curricular Offerings

Special Topics Courses (291, 491)

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

Restrictions: A total of no more than nine credits in Special Topics courses (291, 491) may be applied toward graduation. Special Topics courses may not be applied toward completion of the General Education

requirements. Departments may further restrict the application of such credits to their majors and minors.

Directed Studies (395, 495)

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

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

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

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

Independent Study (399, 499)

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

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

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

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

Internships and Apprenticeships

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

Departmental Honors Programs

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

Pre-Professional Programs

Pre-professional programs help students prepare for entrance into professional degree programs. Many professional degree programs are offered only at the post-baccalaureate level, so an undergraduate degree is needed before enrolling in them. UW-Eau Claire offers a variety of academic majors that provide excellent preparation for applying to such professional programs. Students interested in these programs should select an academic major that will prepare them to compete for such programs (many are highly selective) as well as provide career alternatives. For other professional degree programs, students transfer to another higher education institution to complete the appropriate professional degree.

Pre-professional programs are not academic degree programs (that is, they are not academic majors or minors). Instead, pre-professional programs provide an organized approach to academic advising for students intending to apply to a professional degree program. To enhance academic planning and preparation while enrolled at UW-Eau Claire, a student interested in obtaining a professional degree should:

- Work with a pre-professional adviser who can help plan an appropriate curriculum in the field of interest.
- Obtain information from other colleges/universities regarding specific academic requirements for the professional degree program of interest.
- Declare an academic major that is logically connected to the professional field, and work with an adviser in the academic major.

Pre-Architecture (Code 005-900)

Adviser: Professor T. Lockhart (P-243) Physics and Astronomy

Architecture is a profession which requires individuals to complete a certification process, which includes completion of an accredited professional degree in architecture. University of Wisconsin-Eau Claire students have two paths to the required professional degree: (1) complete one year of general studies at UW-Eau Claire (about 30 credits) and apply for transfer to the pre-architecture program at the architectural school of interest, or (2) complete an undergraduate degree at UW-Eau Claire plus certain designated courses and apply for graduate admission to an accredited Master of Architecture program. Consult the adviser because specific requirements differ widely among schools of architecture.

Pre-Chiropractic (Code 704-900)

Adviser: Professor J. Janot (MPE-225) Kinesiology

The pre-chiropractic program is intended to prepare students for admission into a chiropractic college. Most accredited chiropractic colleges prefer that students earn a baccalaureate degree before beginning, or concurrently with, their chiropractic training. Because the specific requirements of professional schools vary considerably, students should obtain current academic catalogs from the schools in which they are interested. The pre-chiropractic program is an advising track and not a major, minor, or certificate program. Interested students should select an appropriate major in consultation with an academic adviser in their chosen area of study.

Pre-Dentistry (Code 705-900)

Advisers: Professors W. Gallagher (P-437) Chemistry, J. Halfen (P-443) Chemistry, S. Krueger (P-335) Biology, J. Lyman Gingerich (P-333) Biology

Students should plan to spend at least three years in pre-professional

work. Many pre-dentistry students complete a B.S. degree in biology or chemistry. A typical first year program includes Chem 103 and 104 (or 115 and 213); Biol 110 and 111; Engl 110; Math 109, and/or 112/113, and/or 114; Psyc 100. Advanced courses required include Phys 211 and 212 (or 231 and 232) and Chem 325 and 326. Consult an adviser for further recommendations.

NOTE: Students should plan on taking the DAT (Dental Admissions Test) in the late spring or early summer of the year prior to the year for which they are seeking to matriculate in dental school.

Pre-Engineering (Code 195-900)

Advisers:

Chemical—Professor S. Drucker (P-457) Chemistry

Civil—Professor L. Ford (P-236) Physics and Astronomy

Electrical—Professor M. Evans (P-233) Physics and Astronomy

General—Professors M. Evans (P-233) Physics and Astronomy, L. Ford (P-236) Physics and Astronomy

Mechanical—Professor M. Evans (P-233) Physics and Astronomy

NOTE: High school preparation should include as much algebra, trigonometry, and advanced mathematics as possible as well as courses in chemistry and physics.

Students should plan to transfer after two years at UW-Eau Claire unless they decide to pursue the Dual Degree Engineering Emphasis in Physics or the Dual Degree Geological Engineering Emphasis in Geology. Required freshman and sophomore courses include Math 114, 215, 216; Phys 231, 232. Many fields of engineering also require chemistry, statics, dynamics, differential equations, and computer programming. Students should be aware that many engineering schools require GPAs of 2.50 or higher to be admitted to the junior year. Consult a pre-engineering adviser, because specific course and grade requirements vary among engineering fields as well as among schools of engineering.

Pre-Law (Code 425-900)

Advisers: Professors M. Gilkison (SSS-200C) Political Science, F. Kolb (SSS-479) Economics, P. Myers (SSS-227) Political Science, J. Tubbs (SSS-207A) Political Science

Students should plan to complete a baccalaureate degree before applying for admission to a law school. Major and minor fields should be chosen according to alternative career plans. Students may want to consider the Legal Studies emphasis in the Political Science Comprehensive Major or a Topical Minor in Pre-Law. In addition to the student's area(s) of emphasis, it is important to obtain a broadly based undergraduate education. Courses which are strongly recommended (some of which can be counted for General Education) are Acct 201; Anth 422; Bsad 305 or 306; CJ 414; Econ 103 and 104; Engl 201; IS 240; Math 111 and/or 246; Phil 150, 310; Pols 110, 310, 311, 312, 338, 403, 404, and 405. Courses in American and English/British history, ethics, accounting, judicial politics, philosophy of law, argumentation and debate, and statistics are also recommended. In addition to their major adviser, pre-law students are strongly encouraged to contact a pre-law adviser early in their first semester to obtain an information sheet and further suggestions. To be given Pre-Law designation, see the Political Science department chair. This designation is in addition to major and minor program designations.

NOTE: The Law School Admission Test should be taken early in the senior year (usually September or October).

Pre-Medicine (Code 706-900)

Advisers: Professors J. Anderson (P-349) Biology, W. Bryant (P-344) Biology, R. Buiser (P-351) Biology, W. Gallagher (P-437) Chemistry, D. Gingerich (P-352) Biology, J. Halfen (P-443) Chemistry, D. Janik (P-185) Biology, M. Kettler (P-358) Biology, J. Rohrer (P-355) Biology

The pre-med curriculum consists of those courses needed to meet the entrance requirements for the majority of medical schools and to prepare students to take the Medical College Admission Test. The majority of students should plan to complete the requirements for a

baccalaureate degree. Because of the competition for available places, students are urged to plan programs that will permit alternative career choices if acceptance into medical school is not secured. Typical first year courses include Engl 110; Biol 110; Chem 115 and 213 (or 103 and 104); and one or two semesters of mathematics. Consult an adviser for further recommendations.

NOTE 1: Chem 103 will not apply toward the completion of a biochemistry/ molecular biology major.

NOTE 2: Entry into medical schools is based on (1) the student's academic record, (2) the results of the Medical College Admission Test, which should be taken in the spring of the junior year, (3) recommendations, and (4) interviews.

NOTE 3: A limited number of scholarships are available for sophomore, junior, and senior pre-medicine students who meet the scholarship criteria.

Pre-Occupational Therapy (Code 665-900)

Adviser: Professor J. Janot (MPE-225) Kinesiology

The pre-occupational therapy program is intended to prepare students for admission into a graduate program in occupational therapy. Most occupational therapy programs are now at the graduate level. Students should plan on completing a baccalaureate degree before applying to occupational therapy graduate programs. Because the specific requirements of professional schools vary considerably, students should obtain current academic catalogs from the schools in which they are interested. The pre-occupational therapy program is an advising track and not a major, minor, or certificate program. Interested students should select an appropriate major in consultation with an academic adviser in their chosen area of study.

Pre-Optometry (Code 703-900)

Adviser: Professor D. Janik (P-185) Biology

Students should plan to spend at least two years in undergraduate study; the majority of successful applicants have three or four years of college work. A typical first-year program includes Engl 110; Biol 110 and 111; Chem 103 and 104 (or 115); and a mathematics course. Consult an adviser for further recommendations.

NOTE: The Optometry Admission Test should be taken before the semester in which the student applies for acceptance into a school of optometry. Because of competition for the available places, students are urged to plan programs that will permit alternative career choices if acceptance into an optometry school is not secured.

Pre-Pharmacy (Code 685-900)

Advisers: Professors S. Hartsel (P-461) Chemistry, C. Muller (P-433) Chemistry, K. Wiegel (P-460) Chemistry

The pre-pharmacy curriculum blends science and math courses with social science and humanities courses in order to prepare future pharmacists to address medical problems with the people they will serve. Most students now admitted to pharmacy schools enter with a bachelor's degree, so students should plan to choose a major to be more competitive. A first year program should include Chem 115 (or 103 and 104); Math 114; Biol 110 and 111 or Biol 214 and 314; Engl 110; and one or more of the social science courses: Econ 103; Soc 101; or Anth/ AIS 161. The minimum coursework admission requirements could be planned in two years if the student is prepared to start in Chem 115 and Math 114. More time should be allowed if the student starts in a lower level math course or takes the Chem 103/104 sequence. The GPA of students admitted into pharmacy school is typically above 3.50. Pharmacy schools are increasingly emphasizing communication, leadership, and community service in their admissions criteria, so students should pace their work at UW-Eau Claire to develop strong records in both academics and community service. Experience as a pharmacy technician is also helpful. Consult an adviser for information about the Student Pharmaceutical Society and pharmacy school admissions requirements.

Pre-Physical Therapy (Code 662-900)

Adviser: Professor J. Janot (MPE-225) Kinesiology

The pre-physical therapy program is intended to prepare students for admission into a graduate program in physical therapy. Most

physical therapy programs are now at the graduate level. Students should plan on completing a baccalaureate degree before applying to physical therapy graduate programs. Because the specific requirements of professional schools vary considerably, students should obtain current academic catalogs from the schools in which they are interested. The pre-physical therapy program is an advising track and not a major, minor, or certificate program. Interested students should select an appropriate major in consultation with an academic adviser in their chosen area of study.

Pre-Physician Assistant (Code 707-900)

Advisers: Professors D. Herman (P-338) Biology, D. Janik (P-185) Biology

Most physician assistant programs are now at the graduate level (M.S.). Students should plan on completing a baccalaureate degree before applying to physician assistant graduate programs. Specific requirements for admission will vary among programs, and students are encouraged to consult the specific program catalog for these requirements. In preparation, students should take two semesters of chemistry, two semesters of physics, precalculus/calculus, biology courses including organismal form and function, microbiology, two semesters of anatomy and physiology, psychology courses, and a communication course. Other courses may be required. Consult with an adviser for further recommendations and information, including information about regional program requirements.

Pre-Theology (Code 408-900)

Adviser: Professor S. Lowe (HHH-630) Philosophy and Religious Studies

Students should plan to complete a baccalaureate degree. Major and minor emphases may be chosen according to interest, though candidates are typically expected to have a broad background in the humanities. Recommended emphases include religious studies, English, philosophy, history, natural sciences, social sciences, foreign languages, fine arts. Consult an adviser for specific recommendations.

Pre-Veterinary Medicine (Code 708-900)

Adviser: Professor S. Showsh (P-358) Biology

Students should plan to spend at least three years in pre-professional work. Many students complete a B.S. degree. A typical first-year program includes Biol 110 and 111; Chem 103 and 104 (or 115 and 213); Engl 110; Math 114. Consult an adviser for further recommendations.

NOTE: Most schools of veterinary medicine require experience with animals, such as that gained through a farm background or working as an assistant to a veterinarian, as well as the completion of the general test of the Graduate Record Examination. Because of competition for the available places, students are urged to plan a degree program that will permit alternative career choices if acceptance into a school of veterinary medicine is not secured.



Interdisciplinary Programs, Majors and Minors

A number of interdisciplinary programs, majors and minors, i.e., those that cross disciplines, are housed in the College of Arts and Sciences or affiliated with the College. All represent collaborative efforts to provide course work across and study of interconnections between multiple fields. The curriculum is delivered in a variety of ways. Often, faculty contribute disciplinary courses to interdisciplinary major or minor requirements and electives. Disciplinary courses may be cross-listed with an interdisciplinary prefix to highlight the contributions of the various fields. In other instances, faculty teach interdisciplinary courses exclusively or partially for the interdisciplinary program. Those with partial assignments in the interdisciplinary program also teach disciplinary courses for a "home" department.

Inquiries about the following interdisciplinary programs, majors and minors may be directed to the College of Arts and Sciences, the program director, or the identified adviser(s). Information on the interdisciplinary Chemistry with Business Emphasis can be found in the Department of Chemistry.

Interdisciplinary Programs

American Indian Studies Program

HIBBARD HUMANITIES HALL 150

(715) 836-6045

www.uwec.edu/ais/index.htm

PROGRAM DIRECTOR: DEBRA K.S. BARKER

FACULTY: WENDY MAKOONS GENIUSZ

The American Indian Studies Program at the University of Wisconsin-Eau Claire is committed to the study of the cultures, values, history, and contemporary life of the Indigenous nations and peoples of North America. Through courses from various disciplines and interactions with American Indian professionals, elders and peers, students will develop abilities and enhance their knowledge and understanding in accordance with university and tribally-defined standards of excellence. The program administers both a major and minor in American Indian Studies with these goals:

- To envision education and community as a partnership in which all participants work toward greater understanding and respect for the richness and diversity of American Indian cultures.
- To build and support cooperative relationships with tribal communities within and around Wisconsin; other academic institutions, especially tribal colleges; and the local Eau Claire community.
- To teach students to be conversant with indigenous protocols.
- To prepare students to work effectively in and around tribal and urban communities.
- To provide outreach and community service opportunities that will help promote the cultural, educational, and economic development of the region.

MAJOR: AMERICAN INDIAN STUDIES, Liberal Arts (Code 530-201)

This major provides opportunities for study of the cultures, values, history, and contemporary life of the Indigenous nations and peoples of North America. Through courses from a variety of disciplines and interaction with American Indian professionals, elders, peers, and other educators, students will develop particular cultural competencies and enhance their knowledge and understanding in accordance with university and tribally-defined standards of excellence.

The major is designed to offer a range of courses to meet the needs of students: (1) who wish to enter a profession related to tribal affairs; (2) who have decided to pursue graduate study; (3) who are American Indian and seek to learn more about their culture and heritage; and (4) who are drawn to the major because of its broad interdisciplinary perspective. In addition, the major and minor in American Indian Studies are designed to complement degree programs in Nursing, Education, Business, Social Work, and History, as well as courses from a range of disciplines.

Thirty-six semester credits in American Indian Studies courses, including:

AIS 101	Introduction to American Indian History and Cultures
AIS 102	Introduction to American Indian Expressive Cultures
AIS 480	Capstone Course

Remaining credits selected from:

AIS 111	Studies in American Indian Languages I
AIS 112	Studies in American Indian Languages II
AIS/Engl 142	Introduction to Literature of the American Indian
AIS/Anth 161	Introduction to Cultural Anthropology
AIS/Hist 240	American Indian History
AIS/Engl 242	The American Indian in Literature and Film
AIS/Pols 250	American Indian Politics
AIS 291	Special Topics
AIS 314	Ojibwe Language Camps
AIS/Geog 322	Native Geographies
AIS/ArtH 324	Survey of North American Indian Art
AIS/Anth 325	North American Indians
AIS/Rels 330	Indigenous Religions of the Americas
AIS/ArtH 335	Ancient Art and Architecture of Mexico and Central America
AIS/ArtH 337	Art of Tawantinsuyo
AIS/Engl 345	American Indian Autobiography
AIS/Engl 346	Major Works in American Indian Literature
AIS/Hist 368	Studies in American Indian History
AIS/Hist 369	Wisconsin Indian History
AIS/Wmns 374	Ojibwe Women, Ecofeminism, and Botanical Knowledge
AIS 395	Directed Study
AIS 399	Independent Study
AIS 491	Special Topics
AIS 498	Internship
AIS 499	Independent Study

Seminars and special topics courses dealing with American Indians will also be given consideration for credit.

General Education Note: General Education credit for cross-listed courses is based on the home department (e.g., AIS/Engl 345 gains GE-IVD credit as English is the home department).

Students should consult one of the following program advisers to plan a schedule of classes and to receive information on new courses and updates in program requirements: Professors D. Barker, Director of American Indian Studies (HHH-150), W. Makoons Geniusz (HHH-362) Foreign Languages, J. Oberly (HHH-713) History, or R. St. Germaine (HHH-712) History.

MINOR: AMERICAN INDIAN STUDIES, Liberal Arts (Code 530-401)

The minor is designed to provide both American Indian and non-Indian students with an understanding of the distinctive lifeways, the philosophical and religious systems, and the art and literature developed by American Indian tribes and individuals.

Twenty-four semester credits, including:

AIS 101	Introduction to American Indian History and Cultures
AIS 102	Introduction to American Indian Expressive Cultures

Remaining credits selected from:

AIS 111	Studies in American Indian Languages I
AIS 112	Studies in American Indian Languages II
AIS/Engl 142	Introduction to Literature of the American Indian
AIS/Anth 161	Introduction to Cultural Anthropology
AIS/Hist 240	American Indian History
AIS/Engl 242	The American Indian in Literature and Film
AIS/Pols 250	American Indian Politics
AIS 291	Special Topics
AIS 314	Ojibwe Language Camps
AIS/Geog 322	Native Geographies
AIS/ArtH 324	Survey of North American Indian Art
AIS/Anth 325	North American Indians
AIS/Rels 330	Indigenous Religions of the Americas
AIS/ArtH 335	Ancient Art and Architecture of Mexico and Central America

- AIS/ArtH 337 Art of Tawantinsuyo
 AIS/Engl 345 American Indian Autobiography
 AIS/Engl 346 Major Works in American Indian Literature
 AIS/Hist 368 Studies in American Indian History
 AIS/Hist 369 Wisconsin Indian History
 AIS/Wmns 374 Ojibwe Women, Ecofeminism, and Botanical Knowledge
 AIS 395 Directed Studies
 AIS 399 Independent Study
 AIS 491 Special Topics
 AIS 498 Internship
 AIS 499 Independent Study

Seminars and special topics courses dealing with American Indians will also be given consideration for credit.

General Education Note: General Education credit for cross-listed courses is based on the home department (e.g., AIS/Engl 345 gains GE-IVD credit as English is the home department). For course descriptions, see listing under American Indian Studies Major.

Students should consult one of the following program advisers to plan a schedule of classes and to receive information on new courses and updates in program requirements: Professors D. Barker, Director of American Indian Studies (HHH-150), W. Makoons Geniusz (HHH-362) Foreign Languages, J. Oberly (HHH-713) History, or R. St. Germaine (HHH-712) History.

American Indian Studies Courses

AIS

AIS 101 Introduction to American Indian History and Cultures

3 crs. • F • CD3; GE-III

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Introduction to the different disciplinary perspectives available for the study of American Indian cultures, with an emphasis on history, anthropology, and law.

AIS 102 Introduction to American Indian Expressive Cultures

3 crs. • F, Sp • CD3; GE-IV

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Introduction to a broad range of American Indian expressive cultures, from traditional to contemporary forms, in art, literature, oral traditions, music, and film.

AIS 111 Studies in American Indian Languages I

4 crs. • F • CD3; GE-IA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 1

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.)

AIS 112 Studies in American Indian Languages II

4 crs. • Sp • CD3; GE-IA • P: AIS 111

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 1

Continuation of American Indian Languages I, with additional attention paid to dialect diversity, and competing writing systems. (For specific languages, see current Class Schedule.)

AIS 142 Introduction to Literature of the American Indian

3 crs. • F, Sp • CD3; GE-IVD • P: Not available for juniors or seniors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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 literature by and about American Indians, with special attention to the cultural background.

AIS 161 Introduction to Cultural Anthropology

3 crs. • F, Sp • FC; GE-III

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

AIS 240 American Indian History

3 crs. • V • CD3; GE-IVC

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

AIS 242 The American Indian in Literature and Film

3 crs. • V • CD3; GE-IVD

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

• 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.

AIS 250 American Indian Politics

3 crs. • V • CD3; GE-III

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

AIS 291 Special Topics

1-4 crs. • F, Sp • May be repeated for a maximum of 9 credits • 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.

AIS 314/514 Ojibwe Language Camps

3 crs. • Su • CD3; SL-Full; Special Course Fee Required; Field Trip(s) Required

• May be repeated for a maximum of 6 credits • P: AIS 112 • Instructor Consent Required

Lecture/Discussion: 3 | Lab/Studio: 0

• Criminal background check required. Must have the ability to converse in elementary Ojibwe.

This course examines a growing language revitalization method. Students learn basic techniques for teaching Ojibwe in an informal setting and implement what they learn by participating and teaching at Ojibwe language camps in Native communities.

AIS 322/522 Native Geographies

3 crs. • Sp odd years • CD3; GE-III; Special Course Fee Required; Field Trip(s)

Required

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

AIS 324 Survey of North American Indian Art

3 crs. • V • FC; CD2; GE-IV; Field Trip(s) Required • P: One AIS or ARTH or

ART course or consent of instructor. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both ARTH 324 and AIS 324.

A survey of North American Indian artwork in contemporary and historical contexts.

AIS 325 North American Indians

3 crs. • F, Sp • CD3; GE-III

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both ANTH 325 and AIS 325. Previous completion of ANTH/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.

AIS 330 Indigenous Religions of the Americas

3 crs. • FC; CD2; GE-IVB • P: One course in RELS, PHIL, AIS, LAS, or consent

of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

AIS 335 Ancient Art and Architecture of Mexico and Central America

3 crs. • Sp • FC; GE-IV; Field Trip(s) Required • P: One ART, ARTH, AIS, or

LAS course or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

AIS 337 Art of Tawantinsuyo

3 crs. • Sp • FC; GE-IVA; Field Trip(s) Required • P: One course in AIS, ART, ARTH or LAS or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both ARTH 337 and AIS 337.

A study of historical and contemporary art by indigenous artists of Tawantinsuyo, the Quechua name of the Inka empire in western South America. Emphasis is placed on textiles, yet metals and ceramics are also topics.

AIS 345 American Indian Autobiography

3 crs. • V • CD3; GE-IVD • P: Three credits of Engl Lit (GE-IVD) or one of the following: AIS 101, 102, 111, 112, 480, AIS/HIST 240, AIS/POLS 250, AIS/ARTH 324, AIS/ANTH 325, AIS/HIST 368, AIS/HIST 369 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

AIS 346 Major Works in American Indian Literature

3 crs. • V • CD3; GE-IVD • P: Three credits of Engl Lit (GE-IVD) or one of the following: AIS 101, 102, 111, 112, 480, AIS/HIST 240, AIS/POLS 250, AIS/ARTH 324, AIS/ANTH 325, AIS/HIST 368, AIS/HIST 369 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

AIS 368/568 Studies in American Indian History

1-3 crs. • V • CDV; GE-IVC • May be repeated for a maximum of 9 credits • P: Six credits of history, or junior standing, or consent of instructor.

• Course may be repeated when topic differs for a maximum of nine credits. Consult Class Schedule or department office for current offering.

Selected topics depending on student and staff interests. Possible topics include the history of Wisconsin Indians and American Indians in the twentieth century. Consult class schedule or department office for current offering.

AIS 369/569 Wisconsin Indian History

3 crs. • V • CD3; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

AIS 374 Ojibwe Women, Ecofeminism, and Botanical Knowledge

3 crs. • V • CD3; GE-IIIIG; Special Course Fee Required

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both WMNS 374 and AIS 374.

Students learn about the life-long association of Anishinaabe women and plants of their environment, how plants surround their entire lives, and how they interact with plants on physical, spiritual, and metaphysical levels.

AIS 395/595 Directed Studies

1-3 crs. • F, Sp • May be repeated • P: Limited to American Indian Studies majors and minors. • Department Consent Required

Study of problem or topic related to American Indian Studies.

AIS 399 Independent Study

1-3 crs. • F, Sp • May be repeated • P: Limited to American Indian Studies majors and minors. Minimum sophomore standing. Required GPA of 3.00 within the major. • Department Consent Required

Original individual research or studies related to American Indian Studies.

AIS 480 Capstone

3 crs. • F, Sp • SL-Full; CP • P: AIS 101 and 102. Minimum junior standing. • Department Consent Required

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

AIS 491 Special Topics

1-3 crs. • F, Sp • May be repeated for a maximum of 9 credits

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.

AIS 498 Internship

1-3 crs. • F, Sp • SL-Full; IN • P: 24 credits in American Indian Studies. Limited to American Indian Studies majors. • 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.

AIS 499/699 Independent Study

1-3 crs. • F, Sp • May be repeated • P: Limited to American Indian Studies majors and minors. Minimum senior standing. Required GPA of 3.00 within the major. • Department Consent Required

Original individual research or studies related to American Indian Studies.

Latin American Studies Program

HIBBARD HUMANITIES HALL 353

(715) 836-4546

www.uwec.edu/las/index.htm

PROGRAM DIRECTOR: ANALISA DEGRAVE

FACULTY: GERARDO LICÓN

The globally interdependent nature of today's world makes second language proficiency and cross-cultural understanding valuable assets for students in any field. Students in the Latin American Studies (LAS) Program can develop a high proficiency in Spanish through the LAS core language courses and language immersion requirements. Students also gain in-depth knowledge and understanding of Latin America and Latinos/Hispanics in the United States through an array of courses from multiple disciplines including economics, geography, political science, art history, religion, history, anthropology, women's studies, and public and environmental health.

The significant Latino/Hispanic population in the United States and the increasing social, cultural, and economic interconnectedness between the countries and peoples of the hemisphere will increase the demand for professionals who are both proficient in the Spanish language and prepared to work with Latinos/Hispanics and the people of Latin America. The major is well suited for students who plan to:

- (1) pursue careers which require residence in or knowledge of Latin America (e.g., business, journalism, government, and NGOs);
- (2) teach Spanish in Early Childhood through Adolescence classrooms; and/or
- (3) pursue graduate work in Latin American studies or other disciplines where a Latin American specialization would be helpful (e.g., Latin American and Latina/o literature, political science, economics, history, art history).

COMPREHENSIVE MAJOR: LATIN AMERICAN STUDIES, Liberal Arts (Code 340-002)

Minimum 60 semester credits including:

Required courses—minimum of 20 credits:

LAS 150	Introduction to Latin American Studies
LAS 450	Capstone for Latin American Studies (minimum one credit)
Span 202 or 232	Intermediate Spanish II or Communication in the Professions II
Span 301	Advanced Composition
Span 302	Advanced Conversation and Composition
Span/LAS 352	Contemporary Latin American Civilization
Span/LAS 367	Survey of Latin American Literature
and at least five credits but no more than nine credits from the following:	
Span/LAS 312	Latinos in the U.S.
Span/LAS 475	Topics in Latin American Literature
Span/LAS 476	The Novel in Latin America I: 1850-1950
Span/LAS 477	The Novel in Latin America II: 1950-present
Span/LAS 480	Latin American Literature and Film
Span/Wmns 482	Women in Latin American Literature
Span 405	Advanced Conversation
Span 410	Advanced Grammar
Span 491	Special Topics (Latin American topics only)
LAS 498	Internship with Language Immersion

Electives—a minimum of 29 credits in the Humanities and Social Sciences:

Anth/Wmns 356	Women in Cross-Cultural Perspective
ArtH/AIS 335	Ancient Art and Architecture of Mexico and Central America
ArtH/AIS 337	Art of Tawantinsuyo
Econ 355	Economic Development of the Third World
Econ/LAS 356	Economic Development of Latin America
Fltr/LAS 350	Latin American Literature in Translation
Geog/LAS 321	Geography of Latin America
Hist/LAS 309	Latin America Through Independence
Hist/LAS 311	Latin America Since Independence
Hnrs 304	Honors Colloquium (when offered as Crossing Borders: Discourses from Latin America)
LAS 390	Latin American Studies Immersion Experience
LAS 395	Directed Studies
LAS 488	Internship
LAS 491	Special Topics
Pols/LAS 319	Politics of Latin America
Pols/LAS 320	Caribbean Politics
Rels/AIS 330	Indigenous Religions of the Americas
Soc 312 or 314	Race and Ethnicity in the U.S. or Social Class and Inequality

or equivalent courses in the study abroad programs

Note 1: Students may earn a total of 6 credits from LAS 488 and LAS 498, but only 3 credits can count for the major.

Note 2: LAS students may earn credit toward their major or minor for either Soc 312 or Soc 314 but not both courses.

Language Immersion Requirement: Comprehensive Liberal Arts majors must complete an appropriate period of language immersion in residence in an approved academic program in a Latin American country, or participate in an alternative intercultural experience pre-approved and determined in conjunction with the LAS Committee from the following options: National Student Exchange, internship, or volunteer work. The minimum time period for meeting the residence/immersion requirement is six weeks. However, the Latin American Studies Program recommends that students spend at least one semester abroad.

For advising, see Department of Foreign Languages (HHH-378) or Professor A. DeGrave, Latin American Studies Program Director (HHH-353).

COMPREHENSIVE MAJOR: LATIN AMERICAN STUDIES, Teaching (Code 340-003)

Minimum of 60 credits with at least 33 Spanish language credits (including courses cross-listed with Spanish) from:

Required courses—minimum of 26 credits:

Flg 378	Second Language Acquisition Theory
LAS 150	Introduction to Latin American Studies
LAS 450	Capstone for Latin American Studies (minimum one credit)
Span 202 or 232	Intermediate Spanish II or Communication in the Professions II
Span 301	Advanced Composition
Span 302	Advanced Conversation and Composition
Span 325	Phonetics and Pronunciation
Span/LAS 352	Contemporary Latin American Civilization
Span/LAS 367	Survey of Latin American Literature
and 15 credits from the following:	
Span 405	Advanced Conversation
Span 410	Advanced Grammar
Span/LAS 475	Topics in Latin American Literature
Span/LAS 476	The Novel in Latin America I: 1850-1950
Span/LAS 477	The Novel in Latin America II: 1950-present
Span/LAS 480	Latin American Literature and Film
Span/Wmns 482	Women in Latin American Literature
Span 491	Special Topics (Latin American topics only)
LAS 498	Internship with Language Immersion

Electives—a minimum of 19 credits in the Humanities and Social Sciences:

Anth/Wmns 356	Women in Cross-Cultural Perspective
ArtH/AIS 335	Ancient Art and Architecture of Mexico and Central America
ArtH/AIS 337	Art of Tawantinsuyo
Econ 355	Economic Development of the Third World
Econ/LAS 356	Economic Development of Latin America
Fltr/LAS 350	Latin American Literature in Translation
Geog/LAS 321	Geography of Latin America
Hnrs 304	Honors Colloquium (when offered as Crossing Borders: Discourses from Latin America)
Hist/LAS 309	Latin America Through Independence
Hist/LAS 311	Latin America Since Independence
LAS 390	Latin American Studies Immersion Experience
LAS 395	Directed Studies
LAS 488	Internship
LAS 491	Special Topics
Pols/LAS 319	Politics of Latin America
Pols/LAS 320	Caribbean Politics
Rels/AIS 330	Indigenous Religions of the Americas
Soc 312 or 314	Race and Ethnicity in the U.S. or Social Class and Inequality

Span/LAS 312 Latinos in the U.S.

or equivalent courses offered in the study abroad programs

Note 1: Students may earn a total of 6 credits from LAS 488 and LAS 498, but only 3 credits can count for the major.

Note 2: LAS students may earn credit toward their major or minor for either Soc 312 or Soc 314 but not both courses.

Language Immersion Requirement: All LAS Comprehensive Teaching majors must complete an appropriate period of language immersion in residence in an approved academic program in a Latin American country, or participate in an alternative intercultural experience pre-approved and determined in conjunction with the LAS Committee from the following options: National Student Exchange, internship, or volunteer work. The minimum time period for meeting the residence/immersion requirement is six weeks. However, the Latin American Studies program recommends that students spend at least one semester abroad.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option C and leads to licensure to teach Spanish in Early Childhood through Adolescence classrooms.

For advising, see Department of Foreign Languages (HHH-378) or Professor A. DeGrave, Latin American Studies Program Director (HHH-353).

MAJOR: LATIN AMERICAN STUDIES, Liberal Arts (Code 340-202)

Minimum 36 semester credits including:

Required courses—minimum of 20 credits:

LAS 150	Introduction to Latin American Studies
LAS 450	Capstone for Latin American Studies (minimum one credit)
Span 202 or 232	Intermediate Spanish II or Communication in the Professions II
Span 301	Advanced Composition
Span 302	Advanced Conversation and Composition
Span/LAS 352	Contemporary Latin American Civilization
Span/LAS 367	Survey of Latin American Literature
and one of the following:	
Span/LAS 312	Latinos in the U.S.
Span/LAS 475	Topics in Latin American Literature
Span/LAS 476	The Novel in Latin America I: 1850-1950
Span/LAS 477	The Novel in Latin America II: 1950-present
Span/LAS 480	Latin American Literatures and Film
Span/Wmns 482	Women in Latin American Literature
Span 491	Special Topics (Latin American topics only)

Electives—a minimum of 11 credits in the Humanities and Social Sciences:

Anth/Wmns 356	Women in Cross-Cultural Perspective
ArtH/AIS 335	Ancient Art and Architecture of Mexico and Central America
ArtH/AIS 337	Art of Tawantinsuyo
Econ 355	Economic Development of the Third World
Econ/LAS 356	Economic Development of Latin America
Fltr/LAS 350	Latin American Literature in Translation
Geog/LAS 321	Geography of Latin America
Hnrs 304	Honors Colloquium (when offered as Crossing Borders: Discourses from Latin America)
Hist/LAS 309	Latin America Through Independence
Hist/LAS 311	Latin America Since Independence
LAS 390	Latin American Studies Immersion Experience
LAS 395	Directed Studies
LAS 488	Internship
LAS 491	Special Topics
LAS 498	Internship with Language Immersion
Pols/LAS 319	Politics of Latin America
Pols/LAS 320	Caribbean Politics
Rels/AIS 330	Indigenous Religions of the Americas
Soc 312 or 314	Race and Ethnicity in the U.S. or Social Class and Inequality

or equivalent courses offered in the study abroad programs

Note 1: Students may earn a total of 6 credits from LAS 488 and LAS 498, but only 3 credits can count for the major.

Note 2: LAS students may earn credit toward their major or minor for either Soc 312 or Soc 314 but not both courses.

Language Immersion Requirement: Liberal Arts majors must complete an appropriate period of language immersion in residence in an approved academic program in a Latin American country, or participate in an alternative intercultural experience pre-approved and determined in conjunction with the LAS Committee from the following options: National Student Exchange, internship, or volunteer work. The minimum time period for meeting the residence/immersion requirement is six weeks. However, the Latin American Studies Program recommends that students spend at least one semester abroad.

For advising, see Department of Foreign Languages (HHH-378) or Professor A. DeGrave, Latin American Studies Program Director (HHH-353).

MINOR: LATIN AMERICAN STUDIES, Liberal Arts (Code 340-402)

Minimum 24 semester credits including:

Required courses—16 credits:

LAS 150	Introduction to Latin American Studies
Span 202 or 232	Intermediate Spanish II or Communication in the Professions II
Span 301	Advanced Composition
Span 302	Advanced Conversation and Composition
Span/LAS 352	Contemporary Latin American Civilization

NOTE: Students wishing to pursue a francophone studies component may substitute Fren 354, French History of Civilization, or Fren 355, Contemporary French Civilization, for Span/LAS 352, Contemporary Latin American Civilization. Additionally, Fren 450, Francophone Literature, is required thereby reducing the number of Humanities and Social Sciences elective credits to five credits.

Electives—a minimum of eight credits in the Humanities and Social Sciences:

Anth/Wmns 356	Women in Cross-Cultural Perspective
ArtH/AIS 335	Ancient Art and Architecture of Mexico and Central America
ArtH/AIS 337	Art of Tawantinsuyo
Econ 355	Economic Development of the Third World
Econ/LAS 356	Economic Development of Latin America
Fltr/LAS 350	Latin American Literature in Translation
Geog/LAS 321	Geography of Latin America
Hnrs 304	Honors Colloquium (when offered as Crossing Borders: Discourses from Latin America)

Hist/LAS 309	Latin America Through Independence
Hist/LAS 311	Latin America Since Independence
LAS 390	Latin American Studies Immersion Experience
LAS 395	Directed Studies
LAS 488	Internship
LAS 491	Special Topics
LAS 498	Internship with Language Immersion
Pols/LAS 319	Politics of Latin America
Pols/LAS 320	Caribbean Politics
Rels/AIS 330	Indigenous Religions of the Americas
Soc 312 or 314	Race and Ethnicity in the U.S. or Social Class and Inequality

or equivalent courses offered in the study abroad programs

Note 1: Students may earn a total of 6 credits from LAS 488 and LAS 498, but only 3 credits can count for the minor.

Note 2: LAS students may earn credit toward their major or minor for either Soc 312 or Soc 314 but not both courses.

Language Immersion Requirement: All LAS minors must complete an appropriate period of language immersion in residence in an approved academic program in a Latin American country, or participate in an alternative intercultural experience pre-approved and determined in conjunction with the LAS Committee from the following options: National Student Exchange, internship, or volunteer work. The minimum time period for meeting the residence/immersion requirement is six weeks. However, the Latin American Studies Program recommends that students spend at least one semester abroad.

For advising, see Department of Foreign Languages (HHH-378) or Professor A. DeGrave, Latin American Studies Program Director (HHH-353).

Application for Admission to Latin American Studies Internships

Applying for Admission to the Internship: Students planning to enroll in LAS 488/688, Internship, or LAS 498/698, Internship with Language Immersion, in the summer or fall must apply no later than February 1 of the year of internship for summer or fall enrollment. October 1 is the deadline for winter or spring enrollment. Applications to the Latin American Studies Internships are available on the Latin American Studies website and in the LAS director's office.

Criteria for admission into Internships: The Latin American Studies Steering Committee will determine eligibility for internships on the basis of the following criteria. A student must have (1) obtained the consent of a UW-Eau Claire instructor to serve as supervising instructor; (2) signed a UW System Liability Waiver Form (included in Internship Application); (3) submitted LAS Internship Application including (a) title of internship proposal; (b) a description of the agency/organization in which the internship is to take place; (c) a description of the intent of the internship; (d) a broad outline of the activities in which the student will be engaged; (e) the basis on which the student's grade will be determined [internship/credit hours, a personal log of experiences (in target language for 498/698), exit paper (in target language for 498/698), and evaluations by the on-site supervisor and supervising instructor]; (f) name of intern's on-site supervisor and expression of support by on-site supervisor/supervising organization; (g) the number of hours per week and number of weeks and credits for internship (the minimum requirements include 135 hours/3 credits, 90 hours/2 credits, and 45 hours/1 credit in the setting); (h) for LAS 498/698, description of how internship will fulfill language immersion requirement and (i) plans for housing and transportation. After internship has been approved by LAS Steering Committee, student will need to (4) apply for passport and/or visa if internship is outside of the U.S.; (5) go to the Center for International Education to purchase international health insurance required by the UW System if internship is outside of the U.S.; (6) meet with supervising instructor and LAS Director to discuss LAS internship and expectations; (7) enroll in the appropriate and approved internship course. Upon return to campus, student will need to (8) send on-site supervisor a "Student Performance Evaluation" form and request that she/he e-mail the form as an attachment to student's supervising

instructor and the LAS Director; and (9) within one month of return, student will need to submit all papers or projects for grades to the UW-Eau Claire LAS internship supervisor.

Latin American Studies Courses

LAS

LAS 150 Introduction to Latin American Studies

3 crs. • F, Sp • FC; CD2; GE-IIIG

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An interdisciplinary course introducing students both to the culture and civilization of Latin America and to Latin American Studies at the University of Wisconsin-Eau Claire.

LAS 222 Introduction to U.S. Latino History and Culture

3 crs. • Sp • CD3; GE-IVE • A-F Grades Only

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• For LAS majors and minors credit can only be earned in either LAS 222 ("Introduction to U.S. Latino History and Culture") or LAS/SPAN 312/512 ("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.

LAS 309/509 Latin America Through Independence

3 crs. • V • GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

LAS 311/511 Latin America Since Independence

3 crs. • V • FC; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

LAS 312/512 Latinos in the U.S.

2 crs. • F, Sp • CD2; GE-IVD • P: SPAN 301 or consent of instructor.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Credit may not be earned in both SPAN 312 and LAS 312.

Issues relevant to the Latino population in the U.S. will be analyzed and discussed through readings, films, presentations, class discussions, and other activities. Readings and films will be primarily in English; discussions will be in Spanish.

LAS 319 Politics of Latin America

3 crs. • Sp • FC; GE-IIID

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

LAS 320 Caribbean Politics

3 crs. • F • FC; GE-IIID • P: One course in POLS or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both POLS 320 and LAS 320.

The dynamics of Anglo-phone and Hispanic Caribbean politics from Colonial rule to the present. Major topics include: colonialism; patterns of decolonization; post-colonial state power; the status of women; and recent trends in structures of dependency and popular resistance.

LAS 321/521 Geography of Latin America

3 crs. • F • FC; GE-IIIC

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

LAS 350/550 Latin American Literature in Translation

3 crs. • Sp • FC; GE-IVD

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

LAS 352/552 Latin American Civilization

3 crs. • F, Sp • FC; CD1; GE-IVD • P: SPAN 302 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both SPAN 352 and LAS 352. No credit if taken after SPAN 351.

Introduction to the historical background necessary for comprehending contemporary Latin America. Analysis of current social, political, and economic issues, with consideration of influential personalities in present-day Latin American society.

LAS 356 Economic Development of Latin America

3 crs. • Sp • FC; GE-IIIB

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

LAS 367/567 Survey of Latin American Literature

3 crs. • F, Sp • FC; GE-IVD • P: SPAN 302 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both SPAN 367 and LAS 367. This course is recommended to be taken after study abroad.

Study and literary analysis of the work of the principal writers of Latin American Literature from indigenous to contemporary literature.

LAS 390 Latin American Studies Immersion Experience

1-3 crs. • V • FC; GE-IIIG; SL-Optional/Half; Field Trip(s) Required • May be repeated for a maximum of 6 credits • A-F Grades Only • Instructor Consent Required

Project-based, intensive immersion experience focusing on the social, cultural, and historical aspects of a Latin American country.

LAS 395/595 Directed Studies

1-4 crs. • F, Sp • May be repeated • A-F Grades Only • P: Limited to Latin American Studies majors or minors. • Department Consent Required

• Instructor and LAS Program Director permission required.

Study of a particular topic, issue, language, or question related to Latin America or Latinos in the United States.

LAS 450 Capstone for Latin American Studies

1-3 crs. • F, Wi, Sp, Su • FC; CP • No Auditors • P: Limited to Latin American Studies majors. Minimum senior standing. • Instructor Consent Required

Study of a topic or special area pertaining to any aspect of Latin America or Latinos in the U.S. as approved by the supervising instructor and the Latin American Studies program coordinator.

LAS 475/675 Topics in Latin American Literature

3 crs. • V • FC • May be repeated for a maximum of 6 credits • A-F Grades Only • P: SPAN 353, LAS/SPAN 367 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both LAS 475 and SPAN 475.

In-depth study of a particular area in Latin American literature.

LAS 476/676 The Novel in Latin America I: 1850-1950

3 crs. • V • FC • P: SPAN 363 or SPAN/LAS 367, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

LAS 477/677 The Novel in Latin America II: 1950-Present

3 crs. • V • FC • P: SPAN 363, or SPAN/LAS 367, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both SPAN 477 and LAS 477.

Continuation of SPAN/LAS 476. Covers period from 1950 to the present.

LAS 480/680 Latin American Literature and Film

3 crs. • V • FC • P: SPAN 363 or SPAN/LAS 367.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

LAS 488/688 Internship

1-3 crs. • F, Wi, Sp, Su • May be repeated for a maximum of 9 credits • A-F Grades Only • P: Limited to Latin American Studies majors or minors. • Instructor Consent Required

• Permission required by supervising instructor and Latin American Studies Steering Committee. Acceptance as specified under criteria for admission into the internship (see internship admission requirements). Transportation to internship site and housing arranged by the student. A total of three credits for LAS 488 and LAS 498 will count toward LAS major or minor.

Students engage in productive academic or professional activity while residing in a Latin American country or participating in an alternative intercultural experience.

LAS 491/691 Special Topics

3 crs. • V • May be repeated for a maximum of 9 credits • P: Grade of C or above ENGL 110 or equivalent. SPAN 301 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• See current Class Schedule for specific topic.

In-depth study of a special topic in the area of literature, linguistics, or cultures of Latinos in the United States and/or the Spanish-speaking world.

LAS 498/698 Internship with Language Immersion

1-3 crs. • F, Wi, Sp, Su • May be repeated for a maximum of 9 credits • A-F Grades Only • P: Limited to Latin American Studies majors or minors. • Instructor Consent Required

• Permission required by supervising instructor and Latin American Studies Steering Committee. Acceptance as specified under criteria for admission into the internship (see internship admission requirements). Transportation to internship site and housing arranged by the student. A total of three credits for LAS 488 and LAS 498 will count toward LAS major or minor.

Students engage in productive academic or professional activity and enhance language proficiency while residing in a Latin American country or participating in an alternative intercultural experience for a minimum of six weeks. Fulfills LAS language immersion requirement.

Materials Science Program

PHILLIPS 177

(715) 836-5504

www.uwec.edu/matsci/index.htm

ACADEMIC PROGRAM DIRECTOR: MARCUS McELLISTREM

MATERIALS SCIENCE CENTER DIRECTOR: DOUGLAS DUNHAM

FACULTY: JENNIFER DAHL, LIZ GLOGOWSKI, MATT JEWELL

The field of materials science and engineering is the study of “condensed matter” (that is, solids and liquids), and how an understanding of materials can be applied to fabricating devices and structures of utility. A relatively young discipline, materials science is an outgrowth of two traditional areas: the study of matter (and its structure-property relationship) that originated in chemistry and physics, and developments in various “materials” engineering fields (notably, microelectronics, metallurgy, ceramics, and plastics).

This major is designed to give students a strong foundation in fundamental sciences and mathematics. The absence of engineering courses in a materials science major is unusual, and integrating it into a liberal arts and sciences degree is unique. The structure of the major is deliberately interdisciplinary and broadly defined, consistent with a liberal education approach. Students specialize through a chosen emphasis. The major serves students who plan to enter the workforce after graduation as well as students interested in graduate education in areas such as Materials Science, Engineering, Chemistry, and Physics.

COMPREHENSIVE MAJOR: MATERIALS SCIENCE, Liberal Arts

A minimum of 64 credits, including completion of core courses and at least eight elective credits within the chosen emphasis.

Core courses:

MATERIALS SCIENCE

	Credits
Msci 100 Introduction to Nanoscience and Materials	3
Msci 234 Soft Materials	3
Msci 300 Thermodynamics and Kinetics of Materials	4
Msci 355 Materials Characterization	4
Msci 362 Materials Deposition and Processing	2
Msci 363 Materials Deposition and Processing Lab	2
Msci 382 Nanoscience and Nanomaterials	4
Msci 391 Materials Science Seminar	1
Msci 480 Advanced Materials Science Lab I	1
Msci 481 Advanced Materials Science Lab II	1

CHEMISTRY

Chem 115 Chemical Principles or Chem 103 and 104 General Chemistry I and II (only 6 crs apply to major)	6
Chem 218 Introduction to Inorganic Chemistry	3

MATHEMATICS

Math 114 Calculus I	4
Math 215 Calculus II	4

PHYSICS

Phys 231 University Physics I	5
Phys 232 University Physics II	5
Phys/Msci 338 Physics of Solids	4

Physics of Materials Emphasis (Code 250-001)

Core courses plus eight credits from Math 312 and elective Physics courses listed below.

Chemistry of Materials Emphasis (Code 250-002)

Core courses plus eight credits from elective Chemistry courses listed below.

Geomaterials Emphasis (Code 250-003)

Core courses plus Geol 312 and Geol 313.

Liberal Arts Emphasis (Code 250-004)

Core courses plus eight credits from any of the electives listed below.

Nanoscience Emphasis (Code 250-005)

Core courses plus Msci 420 and Msci 440.

Applied Materials Emphasis (Code 250-006)

Core courses plus eight credits from advanced materials processing, metallurgy, design of experiments and polymer engineering.

Biomaterials Emphasis (Code 250-007)

Core courses plus Chem 352 and Msci 377.

Elective courses:

Math 312	Differential Equations and Linear Algebra
Phys 333	Quantum Physics
Phys 340	Optics
Phys 350	Electric and Electronic Circuits
Phys 360	Electronics
Phys 445	Thermal Physics
Chem 318	Bioinorganic Chemistry
Chem 325	Organic Chemistry I with Laboratory
Chem 326	Organic Chemistry II with Laboratory
Chem 352	Fundamentals of Biochemistry
Chem 460	Polymer Chemistry
Geol 312	Mineralogy and Petrology I
Geol 313	Mineralogy and Petrology II
Msci 377	Biomaterials
Msci 420	Advanced Nanoscience
Msci 440	Nanostructured Materials

Notes:

1. Courses pending development: Msci 377, 420, 440.
2. Emphases available upon completion of course development: Nanoscience, Applied Materials, Biomaterials.
3. Math 312 is recommended for students planning on graduate school.

For advising, see Professors J. Dahl (P-177F), D. Dunham (P-177E), L. Glogowski (P-177C), M. Jewell (P-177D), or M. McEllistrem (P-177B).

Materials Science Courses

MSCI

MSCI 100 Introduction to Nanoscience and Materials

3 crs. • F, Sp • GE-III; LS • P: High school chemistry and high school physics. Credit may not be earned in both MSCI 100 and MSCI 310.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

This course establishes a foundation in materials science and nanoscience, and how these fields are related to modern materials, environmental issues, energy production, medicine and health, computing, communications, and ethical issues.

MSCI 234 Soft Materials

3 crs. • F • P: CHEM 115 (or CHEM 103 and 104).

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An introduction covering fundamentals of chemistry, physics, and engineering of soft materials. Topics include synthesis and processing of polymers and other soft materials, structure-property relationships of amorphous materials, and advanced materials. A brief primer on organic chemistry is covered.

MSCI 291 Special Topics in Materials Science

1-3 crs. • V • Special Course Fee Required • May be repeated for a maximum of 9 credits • P: CHEM 104 or CHEM 115; PHYS 232; MSCI 100. • 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.

MSCI 300 Thermodynamics and Kinetics of Materials

4 crs. • F • No S/U Grade Option • P: CHEM 218; PHYS 232; MSCI 100.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

Explanation of thermodynamics of materials, including Equilibrium concepts. Examines how interfaces and surfaces impact the kinetics of atom diffusion, as well as how defects influence bulk atom motion. Labs will model crystal and molecule behavior.

MSCI 301 Introduction to Materials Characterization: Scanning Electron Microscopy

1 cr. • V • P: PHYS 211 or 231, and one science course that counts toward a science major.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• Credit may not be earned in both PHYS 301 and MSCI 301.

Current theories and methods in scanning electron microscopy and energy dispersive x-ray spectroscopy. Preparation of samples, operation of scanning electron microscopes and data analysis.

MSCI 302 Introduction to Materials Characterization: X-ray Photoelectron Spectroscopy

1 cr. • V • P: PHYS 211 or 231, and one science course that counts toward a science major.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• Credit may not be earned in both PHYS 302 and MSCI 302.

Current theories and methods in x-ray photoelectrons spectroscopy. Sample preparation, operation and data analysis.

MSCI 303 Introduction to Materials Characterization: X-ray Diffraction

1 cr. • V • P: PHYS 211 or 231, and one science course that counts toward a science major.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• Credit may not be earned in both PHYS 303 and MSCI 303.

Current theories and methods in x-ray diffraction. Sample preparation, operation and data analysis.

MSCI 304 Introduction to Materials Characterization: Atomic Force Microscopy

1 cr. • V • P: PHYS 211 or 231, and one science course that counts toward a science major.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• Credit may not be earned in both PHYS 304 and MSCI 304.

Current theories and methods in Atomic Force Microscopy. Sample preparation, operation of atomic force microscope and data analysis.

MSCI 305 Introduction to Materials Characterization: X-ray Fluorescence

1 cr. • V • P: PHYS 211 or 231, and one science course that counts toward a science major.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• Credit may not be earned in both PHYS 305 and MSCI 305.

Current theories and methods in x-ray Fluorescence Spectroscopy. Preparation of samples, operation of x-ray spectrometers and data analysis.

MSCI 306 Introduction to Materials Characterization: Transmission Electron Microscopy

1 cr. • V • P: PHYS 211 or 231; PHYS/MSCI 301 and 303.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• Credit may not be earned in both PHYS 306 and MSCI 306.

Current theories and methods in transmission electron microscopy. Sample preparation, operation and data analysis.

MSCI 307 Introduction to Materials Characterization: Nanoindentation

1 cr. • V • P: PHYS 211 or 231, and one science course that counts toward a science major.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• Credit may not be earned in both PHYS 307 and MSCI 307.

Current theories and methods in nanoindentation analysis. Sample preparation, operation and data analysis.

MSCI 310 Fundamentals of Nanoscience

3 crs. • F, Wi, Sp, Su • GE-IIIF • P: No credit toward the Materials Science comprehensive major. Credit may not be earned in both MSCI 100 and MSCI 310.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Provides the fundamentals of nanoscience at an elementary level, i.e., how material behavior, properties, and function change due to small size. Addresses applications in science and industry and nanotechnology products, along with environmental, social, and ethical implications.

MSCI 338 Physics of Solids

4 crs. • Sp • P: PHYS 332 or MSCI 300.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

• Credit may not be earned in both MSCI 338 and PHYS 338.

Crystallography, diffraction, electron and phonon transport. Semiconductors and optical properties of crystalline materials, interaction of light with crystalline and non-crystalline matter, including photovoltaics, LEDs, non-linear optics, solid-state lasing, and fiberoptic materials.

MSCI 355 Materials Characterization

4 crs. • F • P: CHEM 104 or 115 and PHYS 211 or 231. No credit if more than one credit has been earned in MSCI/PHYS 301 through 307.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4

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.

MSCI 362 Materials Processing

2 crs. • F • A-F Grades Only • P: MSCI 234; MSCI 300; MSCI 355.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

This course discusses many of the materials processing methods used in the fabrication of microelectronic devices, including deposition, etching, metalization, insulation, doping, ion implantation, and photolithography. MSCI 363 provides the associated lab experience for this course.

MSCI 363 Materials Processing Lab

2 crs. • F • A-F Grades Only • P: CHEM 115 or 104; MSCI 300 (or equivalent); MSCI 355.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 4

This course provides the lab component for MSCI 362, and focuses on hands-on experience in depositing thin films, patterning surfaces with photolithography, etching surfaces, and doping materials. A variety of materials processing methods will be explored, with some characterization of prepared materials using various instruments.

MSCI 382 Advanced Materials Science and Nanoscience

4 crs. • Sp • A-F Grades Only • P: MSCI 234; MSCI 300 or CHEM 433 or PHYS 445 (or equivalent).

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

A survey of materials science, including in-depth discussions of metals, ceramics, polymers, and semiconductors. Contrasting views of the "molecular" nature of matter and the "band" nature will be discussed. Includes in-depth discussion of Nanoscience and Materials Science.

MSCI 391 Materials Science Seminar

1 cr. • Sp • A-F Grades Only • P: MSCI 234 and MSCI 355.

Seminar Hours: 1 | Lab/Studio Hours: 0

Students will explore career pathways in Materials Science. The course will offer a mix of seminars by various speakers and discussions about issues relevant to Materials Science.

MSCI 395 Directed Studies

1-3 crs. • F, Sp, Su • May be repeated • A-F Grades Only • P: Minimum 2.0 GPA in Materials Science. • 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.

MSCI 399 Independent Study - Juniors

1-3 crs. • F, Sp • May be repeated • A-F Grades Only • P: Minimum junior standing. • Department Consent Required

This course provides junior-level students with research opportunities in Materials Science.

MSCI 480 Advanced Materials Science Lab I

1 cr. • F • A-F Grades Only • P: MSCI 362, MSCI 363, MSCI 382, PHYS 338.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 3

First of a two-course capstone sequence. Focuses on hands-on, project-based, research-inspired labs that emphasize diverse areas of Materials Science.

MSCI 481 Advanced Materials Science Lab II - Scientific Writing

1 cr. • Sp • A-F Grades Only • P: MSCI 480, or consent of instructor. • Instructor Consent Required

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 3

Second of a two-course capstone sequence. Focuses on preparation of a scientific paper, including a Materials Science literature review and developing a manuscript for publication. Students will use experimental processes and results obtained from MSCI 480 in developing the manuscript.

MSCI 491 Special Topics in Advanced Materials Science

1-3 crs. • V • Special Course Fee Required • May be repeated for a maximum of 9 credits • P: MSCI 300. Limited to Materials Science majors. • 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.

MSCI 499 Independent Study - Seniors

1-3 crs. • F, Sp • May be repeated • A-F Grades Only • P: Minimum senior standing. • Department Consent Required

This course provides senior-level students with research opportunities in Materials Science.

Women's Studies Program

HIBBARD HUMANITIES HALL 607

(715) 836-5717

www.uwec.edu/wmns/

PROGRAM DIRECTOR: THERESA D. KEMP

FACULTY: AUDREY FESSLER, BARBARA KERNAN

The Women's Studies program coordinates teaching, research, and scholarship in the field of Women's Studies. This is a unique academic program that incorporates praxis—practice that is informed by theory and gendered analyses. Women's Studies is a site of social change/activism as much as theory. It is a discipline in its own right that also draws from many other fields of study.

The unique defining objective in a Women's Studies major is that it focuses on students' ability to perform a thorough Gendered Analysis. A Gendered Analysis—which focuses on the intersection of complexities such as sex/gender, ethnicity, social class, sexual identity, ability, religion, and age—is the umbrella under which all specific goals for majors occur. The objectives can be described by two key components, Knowledge (which includes history and theory) and Application (which includes articulation, activism, and ethics).

Women's Studies majors will become informed, thoughtful, empowered agents of change. In addition, they will be well prepared to pursue graduate work in Women's Studies and other fields. Most Women's Studies graduates pursue careers in health, social and human services, education, law, government, and public policy.

MAJOR: WOMEN'S STUDIES, Liberal Arts (Code 486-201)

The major consists of 36 semester credits, including:

Required Core: 19 credits

Wmns 100 U.S. Women's Experience: Gender, Race and Class

or Wmns 301 Examining Women's Studies (3)

Wmns 101 Engaging Women's Studies (1)

Wmns 200 Introduction to Feminist Theories (3)

Wmns 250 Feminist Research Methodologies (3)

Wmns 335 Transnational/Global Feminisms

or Wmns 422 Women's Studies Advanced Travel Seminar

(only if an International Experience and with the consent of the Women's Studies Program Director) (3)

Wmns 490 Feminist Analysis and Practices: Interdisciplinary

Themes (3)

Wmns 496 Capstone: Social Justice Practicum (3)

Wmns Electives: 6 credits from the following:

Wmns 206 Perspectives in LGBTQ Studies

Wmns 210 Culture of Third Wave Feminism

Wmns 215 African-American Feminism in the Humanities

Wmns 222 Women's Studies Introductory Travel Seminar

Wmns 260 Masculinity Studies and Feminist Theories

Wmns 301 Examining Women's Studies (if taken after Wmns 101)

Wmns 310 Women and Violence

Wmns 375 Ecofeminism – Women's Studies and Environmental Justice

Wmns 380 Women and Artifacts

Wmns 406 Queer Theories and Sexual Politics

Wmns 422 Women's Studies Advanced Travel Seminar

Wmns 431 Women and Communication

Wmns 432 Women and Science

Wmns 433 Women and Social Science

Wmns 434 Women and the Humanities

Wmns 440 Lesbian Lives and Cultures

Wmns 447 Design and Domesticity

Wmns 498 Women's Studies Internship

Additional Electives: from Wmns Electives or courses cross-listed with Wmns (11).

At least 12 credits in the major must be earned from courses at the 300-400 level (required courses may be used to meet this requirement).

General Education Note: Most Wmns courses may be used to fulfill General Education requirements. See catalog descriptions for details regarding whether an individual course may be used to fulfill GE. Please also note that for cross-listed courses, General Education credit is based on the home department (e.g., Wmns/Hist 205 gains GE-IVC credit as History is the home department). Cross-listed courses do not count in the interdisciplinary GE subcategories.

For advising, see Professor T. Kemp, Women's Studies Program Director (HHH-607).

MINOR: WOMEN'S STUDIES, Liberal Arts (Code 486-401)

The Women's Studies minor offers students important interdisciplinary and multidisciplinary perspectives on women's lives. It complements majors in Arts and Sciences, Business, Education and Human Sciences, and Nursing and Health Sciences.

A minimum of 24 semester credits, including:

Required Core: 19 credits

Wmns 100 U.S. Women's Experience: Gender, Race and Class

or Wmns 301 Examining Women's Studies (3)

Wmns 101 Engaging Women's Studies (1)

Wmns 200 Introduction to Feminist Theories (3)

Wmns 250 Feminist Research Methodologies (3)

Wmns 335 Transnational/Global Feminisms

or Wmns 422 Women's Studies Advanced Travel Seminar

(only if an International Experience and with the consent of the Women's Studies Program Director) (3)

Wmns 490 Feminist Analysis and Practices: Interdisciplinary

Themes (3)

Wmns 496 Capstone: Social Justice Practicum (3)

Electives: 5 credits of electives in Wmns courses or courses cross-listed with Wmns.

General Education Note: Most Wmns courses may be used to fulfill General Education requirements. See catalog descriptions for details regarding whether an individual course may be used to fulfill GE. Please also note that for cross-listed courses, General Education credit is based on the home department (e.g., Wmns/Hist 205 gains GE-IVC credit as History is the home department). Cross-listed courses do not count in the interdisciplinary GE subcategories.

For advising, see Professor T. Kemp, Women's Studies Program Director (HHH-607).

CERTIFICATE PROGRAMS

Women's Studies offers two certificate programs:

The **Certificate in Women's Studies** is designed for students who have a strong interest in studying women through a feminist analysis but are not able to complete the requirements for a major or minor in Women's Studies. The certificate might appeal to those students who have limited opportunity to explore academic areas beyond their major discipline.

Currently enrolled degree-seeking students in good standing in the University or University Special Students are eligible to complete a Certificate in Women's Studies. In order to earn a Certificate in Women's Studies, the student must earn a C+ or above in all certificate courses with a cumulative GPA of 2.50 or higher in the certificate courses.

Students are required to take a minimum of 12 credits, including:

- Wmns 101 Engaging Women's Studies (1)
- Wmns 200 Introduction to Feminist Theories (3)
- Wmns 301 Examining Women's Studies (3)

The remaining five credits are to be selected from either Wmns courses or courses cross-listed with Wmns.

NOTE: Though there are no prerequisites for the Certificate in Women's Studies, there may be prerequisites for some of the courses that are a part of the Certificate.

For advising, or to record completion of the certificate, see Professor T. Kemp, Women's Studies Program Director (HHH-607).

The **Certificate in LGBTQ Studies** provides students with a flexible option for completing a concentration in LGBTQ issues, and for formally denoting on their transcript this area of expertise in their academic training.

Currently enrolled degree-seeking students in good standing in the university and University Special Students will be eligible to complete the certificate in LGBTQ Studies. In order to earn a Certificate in LGBTQ Studies, the student must earn a C+ or above in all certificate courses with a cumulative GPA of 2.50 or higher in the certificate courses.

Students are required to take a minimum of 12 credits, including:

- Wmns 206 Perspectives in LGBTQ Studies (3)
- Wmns 406 Queer Theories and Sexual Politics (3)

The remaining 6 credits are to be selected from:

- Wmns/Psyc 336 Psychology of Women
- Soc 426 Sociology of Sexualities
- Wmns 440 Lesbian Lives and Cultures
- Wmns 422 and Wmns 431, only when offered as "LGBTQA Studies San Francisco Travel Seminar"

Special topics and umbrella courses with a focus on LGBTQ and/or sexualities issues with approval of the Women's Studies Program Director.

NOTE: Though there are no prerequisites for the Certificate in LGBTQ Studies, there may be prerequisites for some of the courses that are a part of the Certificate.

For advising, or to record completion of the certificate, see Professor T. Kemp, Women's Studies Program Director (HHH-607).

Women's Studies Courses

WMNS

WMNS 100 U.S. Women's Experience: Gender, Race, and Class

3 crs. • F, Sp • CD1; GE-IVE; SL-Optional • P: Not available for juniors or seniors.

Lecture/Discussion Hours: | Lab/Studio Hours: 0

Interdisciplinary introduction examining how issues of identity, body image, sexuality, relationships, work, welfare, health, crime, the military, the environment, and global corporate economy are affected by the lived experience of gender, race, and class in the United States.

WMNS 101 Engaging Women's Studies

1 cr. • F, Sp • S/U Only Grade Basis • P: WMNS 100 or WMNS 301, or concurrent enrollment in WMNS 100 or WMNS 301. No credit if taken after WMNS 311. Limited to Women's studies majors and minors and certificate students.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

• Students working on the women's studies certificate program requirements should see instructor for permission to enroll in this course.

Majors, minors and certificate students in Women's Studies will begin to strategize ways of engaging feminist principles, knowledge, and skills in personal, academic, and professional settings.

WMNS 111 Gender, Race, Class, and Communication: The Social Construction of Identity

3 crs. • V • CD1; GE-IA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both CJ 111 and WMNS 111.

Students investigate ways in which perceptions of, and experiences with, gender, race, and class are communicatively constructed. Focus on communication theories and methods and how gender, race, and class influence personal, group, and organizational communication.

WMNS 200 Introduction to Feminist Theories

3 crs. • F • CD1; GE-IIIIG • No S/U Grade Option • P: WMNS 100 or 301 or consent of instructor. No credit if taken after WMNS 305/WMNS 505.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Explore a range of feminist intellectual traditions in their original contexts and develop theoretical analyses of contemporary issues.

WMNS 202 Women and Men in Society: The Sociology of Gender

3 crs. • F • GE-IIIF

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both SOC 202 and WMNS 202.

An examination of women's and men's relationships and roles in the United States and in other societies; the development and consequences of gender identity and gender roles for individuals, relationships, and society.

WMNS 203 Women and World Religions

3 crs. • FC; CD1; GE-IVB

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both RELS 203 and WMNS 203. No credit if taken after ANTH 354 or RELS 354.

Surveys women's religious lives historically and cross-culturally, focusing on pre-patriarchal religions and non-Western traditions. Attention will be given to goddesses in world religions. The course will end with feminist issues in world religions.

WMNS 205 American Women's History

3 crs. • V • CD3; GE-IVC

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both HIST 205 and WMNS 205.

A survey of the history of women from precolumbian America to the present. Provides a basis for understanding the historical experience of women from diverse cultural origins including Native American, African American, Asian American, Latin American, and Euro American women.

WMNS 206 Perspectives in LGBTQ Studies

3 crs. • F

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

WMNS 210 Culture of Third Wave Feminism

3 crs. • V • CD1; GE-IVE

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned if taken after WMNS 280 when offered as Culture of Third Wave. Explores third wave feminist culture which is defined by age—born 1964-1973—or by ideology: untrammled feminist heroine who is assertive, exuberantly pro-sex, yet determined to hold her own in the world.

WMNS 215 African-American Feminism in the Humanities

3 crs. • V • CD3; GE-IVE

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Materials from several academic disciplines (women's studies, English language and literature, history, and cultural studies) will examine feminist perspectives on various topics from an African-American standpoint.

WMNS 222 Women's Studies Introductory Travel Seminar

1-3 crs. • V • GE-IIIIG; Special Course Fee Required; Special Course Fee Varies by Section; Field Trip(s) Required • May be repeated for a maximum of 6 credits • P: One course in women's studies or its equivalent as approved by the instructor.

• Instructor Consent Required

Introductory study of topics and issues in women's studies with domestic or international travel to locations that relate specifically to the selected topic or issues. Topics, issues, locales, and other academic experiences vary by offering.

WMNS 250 Feminist Research Methodologies

3 crs. • F • No S/U Grade Option • P: WMNS 100 or WMNS 301; and WMNS 200; or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

WMNS 260 Masculinity Studies and Feminist Theories

1-3 crs. • V • GE-IVE • May be repeated for a maximum of 6 credits

Explores various topics associated with masculinity or manhood within a pro-feminist framework from several academic disciplines, such as women's studies, English, history, philosophy, religious studies, psychology, and/or sociology.

WMNS 265 Women's Health Issues

3 crs. • V • W; CD1; GE-V

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both NRS 265 and WMNS 265. Open to all majors.

Explores a wide range of women's health issues within the context of developmental changes, environmental influences, normal health processes, wellness, and health concerns. Examines health promotion, cultural diversity, and social relations of gender related to women's health.

WMNS 296 Perspectives on Women's Literature

3 crs. • V • CD1; GE-IVD • May be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both ENGL 296 and WMNS 296 unless topics differ. See current Class Schedule for specific theme or topic.

Analyzes representative texts by women. Attention given to historical and critical/theoretical questions relevant to understanding women's achievements in such areas as writing for literary fame, artistic creation, religious expression, political resistance, and economic survival.

WMNS 301 Examining Women's Studies

3 crs. • F, Sp • FC; CD1; GE-IVE; SL-Optional

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Interdisciplinary overview of focusing on women's lives in the United States and globally, as influenced by gender, ethnicity, class, sexuality, cultural institutions, social practices, and representations. Familiarizes students with fundamental concepts and analysis tools in women's studies.

WMNS 306 Women in Music

3 crs. • GE-IVA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both MUSI 306 and WMNS 306.

History of women composers, performers, and scholars from the middle ages to the present, exploring how gender has affected the educational opportunities, professional endeavors, and critical assessment of women in music.

WMNS 309 Women in the Life Sciences

2 crs. • F • GE-IIA • P: Minimum junior standing.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Credit may not be earned in both BIOL 309 and WMNS 309.

Reading, discussion, and student presentations about women and their contributions to the biological sciences within a personal, cultural, and historical context.

WMNS 310 Women and Violence

3 crs. • V • GE-IIIG • P: No credit if taken after WMNS 480, *Women and Violence*.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

The class explores the pattern of women and violence in the United States. It will examine how social, religious, and government systems may perpetuate violence against women, yet also intervene to end it.

WMNS 317 Diversity and Communication: Organizational and Media Contexts

3 crs. • V • GE-IA • P: Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both CJ 317 and WMNS 317.

Reading, writing, and discussion about how gender, race, class, sexual-orientation, (dis)ability, and psychographics intersect in organizational and media contexts. Emphasizes collaborative learning, research, and activism to analyze perceptions, language choices, and behaviors surrounding diversity.

WMNS 332 Women in African Literature

3 crs. • Sp • FC; GE-IVD

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both ENGL 332 and WMNS 332.

Using cultural and historical perspectives, the course interprets images of women in African literature, emphasizing how the experiences of phases of colonialism have continued to transform women's images, roles, and prospects in society.

WMNS 335/535 Transnational/Global Feminisms

3 crs. • Sp • FC; GE-IIIG • May be repeated for a maximum of 6 credits • A-F Grades Only • P: Minimum junior standing and one previous Women's Studies course, or consent of instructor.

Seminar Hours: 3 | Lab/Studio Hours: 0

Provides students with a framework to understand the complexity of women's lives outside the United States. Include theories for global/transnational understandings of the factors enabling women to mobilize and enact changes to improve their lives.

WMNS 336/536 Psychology of Women

3 crs. • F, Sp • CD1; GE-IIIE • P: PSYC 100 and minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both PSYC 336 and WMNS 336.

Advanced undergraduate/graduate seminar designed to examine how both traditional and feminist psychological theories and research apply to women's lives. Topics include sexuality, violence, gender roles, work, relationships, body image, reproduction, motherhood, and sexual orientation.

WMNS 337 Women and the Labor Market

3 crs. • F • CD1; GE-IIIB

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both ECON 337 and WMNS 337.

Examination of theories of economic discrimination, recent experiences of women in labor markets in various countries, effects of governments and international agencies on earnings and employment, and the future role of women in modern economies.

WMNS 344/544 Women, Work and Family

3 crs. • V • GE-IIIG • A-F Grades Only • P: Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• No credit if taken after WMNS 433 when offered as Women & Work-Family Issues.

Feminist analysis of work-family issues with emphasis on women's experiences. Contemporary and/or historical perspectives on intersections of work and family, potentially including multicultural, social, psychological, economic, queer, and/or additional perspectives will be explored.

WMNS 351/551 Women and Politics

3 crs. • Sp • GE-IIID

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both POLS 351 and WMNS 351.

Analysis of women's roles and participation in politics: as citizens, voters, candidates, and officeholders. The impact of feminism and the women's movement on issues and policymaking.

WMNS 353 Emancipating Eve and Adam: The Women's Movement in Religion

3 crs. • GE-IVB • P: One course in religious studies or in women's studies.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both RELS 353 and WMNS 353.

Study of the treatment of women throughout history in Jewish and Christian religions. In-depth discussions of both current women's movement transforming those religions and proposed alternatives to those traditions.

WMNS 356/556 Women in Cross-Cultural Perspective

3 crs. • F • FC; GE-IIIA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both ANTH 356 and WMNS 356.

Study of women's domestic, social, economic, political, and religious roles in a broad range of the world's societies. Examination of the historical development of women's roles and contemporary changes.

WMNS 357/557 Women and Economic Development

3 crs. • V • FC; GE-IIIB

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both ECON 357 and WMNS 357. No credit if taken after WMNS 480 in Summer of 2001.

Provides economic, institutional, and feminist frameworks for understanding socio-economic realities of women in Asia, Africa, Latin American, and the Middle East. Topics analyzed include changing roles of women in economy and household during the process of economic development.

WMNS 363/563 Studies of Women in Mathematics

1-3 crs. • V • GE-V • May be repeated for a maximum of 6 credits • P: WMNS 100 or WMNS 215 or WMNS 250 or WMNS 301; completion of mathematics competency.

• May not be counted for credit toward a major or minor in mathematics.

Studies of the history and contributions of women in mathematics, and of special interest to students and faculty. The particular focus will vary.

WMNS 373/573 American Women's History to 1870

3 crs. • V • CD1; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both HIST 373 and WMNS 373.

Examines the history of black, white, and red women, including gender politics; women as the co-creators of culture; changes related to education, religion, work, sexuality, and marriages; and women and revolution and war.

WMNS 374 Ojibwe Women, Ecofeminism, and Botanical Knowledge

3 crs. • V • CD3; GE-IIIG; Special Course Fee Required

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both WMNS 374 and AIS 374.

Students learn about the life-long association of Anishinaabe women and plants of their environment, how plants surround their entire lives, and how they interact with plants on physical, spiritual, and metaphysical levels.

WMNS 375 Ecofeminism - Women's Studies and Environmental Justice

3 crs. • V • GE-IIIG; Field Trip(s) Required • P: No credit if taken after WMNS 433, when offered as Ecofeminism.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

WMNS 377 Philosophy and Feminism

3 crs. • GE-IVB • P: One course in philosophy or women's studies.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
 • Credit may not be earned in both PHIL 377 and WMNS 377.

A study of recent trends in feminist philosophy with emphasis upon feminist thinking in the areas of ethics, social philosophy, and theory of knowledge.

WMNS 378/578 American Women's History Since 1870

3 crs. • V • CD1; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
 • Credit may not be earned in both HIST 378 and WMNS 378.

Explores women's relationship to the economy and to political movements; changing ideals of womanhood; the demographic and sexual revolutions; and class, race, ethnic, and regional variations in women's experience.

WMNS 380 Women and Artifacts

3 crs. • V • GE-IVE; Field Trip(s) Required • P: One course in Women's Studies, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• No credit if taken after WMNS 434 when offered as Women and Artifacts or WMNS 280 when offered as Reconstructing the Lives of Early American Women.

Introduction to Material Culture Studies and interdisciplinary feminist recovery of women's stories and histories. Critiques omission of women's and marginalized groups' contributions from patriarchal and dominant versions. Examines women as cultural producers, users, and consumers.

WMNS 385/585 The History of Middle Eastern Muslim Women

3 crs. • V • GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both HIST 385 and WMNS 385.

Examines the lives of Middle Eastern Muslim Women, and the ways in which people have represented them, from the seventh through the twentieth centuries. Considers feminist, historicist, and post-modern interpretations.

WMNS 394/594 Studies in the History of Women

1-3 crs. • V • GE-IVC • May be repeated

Selected aspects depending on student interest and staff. Number of credits assigned will vary according to nature of topic. Possible topics include a survey of entire history of women in Western world or women in American history. Consult schedule or department office for current offering.

WMNS 395/595 Directed Studies

1-3 crs. • F, Sp, Su • May be repeated • P: Minimum junior standing. • Department Consent Required

• Students may apply a maximum of six credits from WMNS 395 and 498 toward fulfillment of the requirements for the Women's Studies minor.

Study of a women's studies problem or topic approved by supervising instructor and women's studies coordinator. May be applied to the Critical Research Project requirement for the Women's Studies minor. May also address individual or group projects for exploration of topical issues or questions confronted in other courses. Ordinarily, this course will involve only students who have completed some Women's Studies coursework.

WMNS 396 Studies in Women's Literature

3 crs. • V • GE-IVD

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both ENGL 396 and WMNS 396. 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".

WMNS 406/606 Queer Theories and Sexual Politics

3 crs. • Sp • CD1 • P: WMNS 206 or WMNS 200 or WMNS 305 or three credits of Women's Studies courses, or consent of instructor.

Seminar Hours: 3 | Lab/Studio Hours: 0

• 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.

WMNS 419 Sociology of Women

3 crs. • Sp • CD1 • P: SOC 101

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both SOC 419 and WMNS 419.

Sociological analysis of women's statuses and roles in American society, focusing on socialization experiences, family, work, and sexual roles. Attention is also focused on contemporary issues and the experiences of American women.

WMNS 422 Women's Studies Advanced Travel Seminar

1-6 crs. • V • GE-III; Special Course Fee Required; Special Course Fee Varies by Section; Field Trip(s) Required • May be repeated for a maximum of 6 credits

• P: One course in women's studies and minimum junior standing. • Instructor Consent Required

In-depth study of topics and issues in women's studies with domestic or international travel to locations that relate specifically to the selected topic or issue. Topics, issues, locales, and other academic experiences vary by course offering.

WMNS 431/631 Women and Communication

1-3 crs. • V • GE-IC • May be repeated for a maximum of 3 credits • P: Minimum junior standing.

Addresses issues related to communication, women, and/or gender.

WMNS 432/632 Women and Science

1-3 crs. • V • GE-IF • May be repeated for a maximum of 3 credits • P: Minimum junior standing.

Explores gender issues in science. Examines questions of gender-related bias in scientific content, methodologies, project execution and analysis. Consideration of the status of women in science.

WMNS 433/633 Women and Social Science

1-3 crs. • V • GE-III • May be repeated for a maximum of 3 credits • P: Minimum junior standing.

Addresses issues related to the social sciences, women, and/or gender.

WMNS 434/634 Women and the Humanities

1-3 crs. • V • GE-IVE • May be repeated for a maximum of 3 credits • P: Minimum junior standing.

Addresses issues related to the humanities, women, and/or gender.

WMNS 436/636 Education of Girls and Women in the United States

2 crs. • V • CD1; GE-V • P: Minimum junior standing.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Credit may not be earned in both ES 436 and WMNS 436. No credit if taken after special topics or directed study with the same title.

This course will focus on both informal and formal definitions of schooling and explore a wide array of influences and choices that contribute to the preparation of resilient women who grow and change through their lifetime.

WMNS 440/640 Lesbian Lives and Cultures

3 crs. • V • CD1; GE-III • P: Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An interdisciplinary overview of lesbian lives and cultures, including historical, cultural, and political understandings of lesbian life in the U.S. Includes examination of intersections of sexual, racial, ethnic, and class identities.

WMNS 447/647 Design and Domesticity

3 crs. • V • CD1; GE-IVE; Field Trip(s) Required • P: Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• No credit if taken after WMNS 434: Women and the Humanities, when offered as Design and Domesticity.

An interdisciplinary study of factors which contributed to stereotypes of Perfect Wife and Mother. Visits to local 19th-Century homes reveal Domestic Spheres designed to reinforce class lines, impose morality, and gender space.

WMNS 482/682 Women in Latin American Literature

3 crs. • V • FC • P: SPAN 363 or SPAN/LAS 367.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both SPAN 482 and WMNS 482.

This course is an in-depth study of the representation of women in contemporary Spanish American literature in their historical, cultural, and social contexts. Taught entirely in Spanish.

WMNS 490/690 Feminist Analysis and Practices: Interdisciplinary Themes

3 crs. • Sp • CD1; SL-Optional/Half • P: WMNS 100 or WMNS 301, and WMNS 200 or WMNS 305, and WMNS 250; or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

WMNS 496/696 Capstone: Social Justice Practicum

3 crs. • F, Sp • SL-Full; CP; Field Trip(s) Required • No S/JU Grade Option • P: WMNS 100 or WMNS 301, WMNS 101 or WMNS 311, WMNS 200 or WMNS 305, and WMNS 250. Limited to women's studies majors and minors.

• Department Consent Required

Seminar Hours: 1 | Practicum Hours: 2

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.

WMNS 498/698 Women's Studies Internship

1-3 crs. • F, Sp, Su • SL-Variable • May be repeated for a maximum of 6 credits • P: Three credits from WMNS courses. Minimum junior standing. • Department Consent Required

• Students may apply a maximum of six credits from WMNS 395 and 498 toward fulfillment of the requirements for the Women's Studies minor.

Supervised application and examination of Women's Studies theory in a professional setting related to the student's area of interest.

Watershed Institute for Collaborative Environmental Studies

www.uwec.edu/watershed/index.htm

INTERIM PROGRAM DIRECTOR: JAMES BOULTER

FACULTY: KAREN MUMFORD, DAVID SOLL

The Watershed Institute gives students an opportunity to enhance their environmental awareness while they develop a vital ecological literacy, a commitment to conservation and sustainability, and a respectful, appreciative, and ethical relationship with the natural world. Environmental Studies cannot depend on any single area of study—it is necessary to cross traditional disciplinary boundaries to fully grasp the significance of the interactions between humans and nature. By encouraging collaborations between students and faculty and with community members, we seek to create greater understanding and work toward the benefit of the Lower Chippewa River Watershed and the world beyond. As the human population continues to grow into a world of escalating resource scarcity, it becomes increasingly important to gain an understanding of the interdependence of humanity and the natural world, including an awareness of the relationship between and economic, social, cultural, political forces and the global environment. Students interested in gaining understanding and expertise in Environmental Studies are encouraged to enroll in one of two interdisciplinary minors: Environmental Science (Code 155-400) or Environment, Society and Culture (Code 489-401). Environmentally-themed comprehensive majors are also available in other departments, including Ecology and Environmental Biology Emphasis (Code 080-001), Environmental Geography (Code 140-007), Geology Environmental Science Emphasis (Code 160-010), and Environmental Public Health (Code 641-050). Students wishing for a broader understanding of Environmental Studies can also seek to develop a program of study in the Liberal Studies Comprehensive Major (Code 370-001). Students also are encouraged to take advantage of Service-Learning opportunities, to engage with activities and organizations on campus and in the community, and to participate in faculty/student collaborative research, all related to Environmental Studies. Watershed Institute faculty and affiliates can help inform and arrange related opportunities for interested students.

The Watershed Institute consists of faculty and staff: the faculty members listed above and affiliate members found in other home departments (including Biology, Chemistry, Economics, English, Environmental Public Health, Geography and Anthropology, Geology, Philosophy and Religious Studies, Social Work, Sociology, and Women's Studies). In addition to contributing to the minors and majors listed above, the courses taught by Watershed Institute faculty and affiliates also support the liberal education curriculum and satisfy the need and a student-articulated desire for sustainability in their educational experience. Environmental Studies courses are often inherently interdisciplinary, and many include components that are intentionally integrative or immersive—designed to prepare students for an increasingly complex and interconnected world.

MINOR: ENVIRONMENT, SOCIETY, AND CULTURE, Liberal Arts (Code 489-401)

Contemplation of the environment raises many questions, some of them clearly scientific in nature: "What chemical is polluting the river? What are that chemical's toxicological properties, and how will they affect the ecosystem?" Some of the questions raised transcend the purely scientific perspective: "Who is dumping that chemical in the river? Why did they make that choice—was profit involved?

Mere carelessness?" Or "Do any societal needs drive demands for this chemical? Can those needs be met in alternative ways?" And "Who lives by the river, what socio-economic conditions brought them there and how are they affected by this chemical's presence?" Or again—"What laws pertain to the river? To whom does the river 'belong'?" Such questions, equally important and as intellectually challenging as the purely scientific inquiries, in fact provide a larger context for the science. To ask this full range of questions is to think ecologically—that is, with an awareness of the entire mechanism—about environmental issues.

The Environment, Society, and Culture minor is designed to enable students to probe the human dimensions of environmental issues through a variety of courses crossing many disciplines. Built around a core science requirement, the program is rounded out with courses in ethics, philosophy/religion, economics—courses that look at social conflict and the policy that engenders and addresses conflict. This minor is open to all students; while perhaps best suited to students majoring in the humanities and social sciences, it is designed to be flexible so that students can tailor it to meet their particular needs and interests.

This minor requires a minimum of 24 credits, of which at least 12 credits must be from courses numbered 300 and higher.

- i) At least one gateway course: Biol 180, Chem 127, Geog 178, or Enph 210
 - ii) At least one course from the "Ethics and Spirituality" category: Rels 290, Phil 320, or Wmns 375
 - iii) At least two courses from the "Socioeconomic Perspectives" category: Econ 268; Enph 480; Geog 369, 445; Pols 346; Soc 310
 - iv) Natural Science Focus Area: A two-course sequence in a natural science chosen from the following options:
 - Biol 110 and 328
 - Chem 115* and 304
- *(Note: Chem 103 and 104 may be used in lieu of Chem 115 but only six credits may be counted toward the minor from these courses.)
- Geol 115, and 301 or 308
 - Geog 104, and 304 or 340 or 361
- v) Additional courses selected from those listed above or from the options below to reach a total of 24 credits.
Biol 329; Engl 415; Enph 441, 445, 450; Geog 270, 350, 365, 368, Geog/AIS 322; Math 108; Soc 314

NOTE: Credits from other courses may be applied as electives, pending adviser and college approval, when they focus specifically on environmental topics. Examples of such courses include: Chem 100, Engl 110, Hnrs courses, Idis 151-155, Idis 351-355, and Nrsrg 255. Also, various departments may offer special topics courses, directed studies courses, independent study courses, and/or internships that may also apply.

For advising, see K. Mumford (P-144) Watershed Institute, J. Phillips (P-451) Chemistry, or C. Pierce (NUR-244) Public Health Professions.

MINOR: ENVIRONMENTAL SCIENCE, Liberal Arts (Code 155-400)

This multidisciplinary minor is a liberal arts, nonprofessional program created primarily for Arts and Sciences students with interests in the environmental sciences and conservation of biological diversity. The minor emphasizes the study of environmental issues and techniques, ecology and conservation, and water and earth resources, and is designed to complement a 36-credit standard major, e.g., Biology Major, Liberal Arts. Comprehensive major environmental science programs include the Geography and Anthropology Department Resource Management Comprehensive Major, the Geology Department Environmental Science Comprehensive Major, the Biology Department Ecology and Environmental Biology Comprehensive Major, and the Public Health Professions Department Environmental Public Health Comprehensive Major (ENPH).

The minor consists of a minimum of 24 credits as follows:

At least 11 credits 300-level and higher

NOTE: Biology majors need to take Biol 110 and Chem 103 and 104, or 115, for their major and to complement the minor. Directed and Independent Studies (395/399) courses in participating majors may be taken with consent of an adviser.

- I. Biol 180 or Geog 178 Conservation of the Environment, 3 crs
- II. One or more of the following life sciences (min. 3 crs)
 - Biol 328 Conservation Biology, 3 crs
 - Biol 330 Population Ecology, 4 crs
 - Biol 338 Vegetation Ecology, 3 crs
 - Biol 361 Biology of Microorganisms, 5 crs
 - Biol 375 Limnology and Aquatic Ecology, 4 crs *or*
 - Biol 376 Aquatic Ecology, 3-4 crs
- III. Two or more of the following physical sciences (min. 6 crs)
 - Chem 304 Environmental Chemistry, 3 crs
 - Geog 304 Introduction to Geomorphology, 3 crs
 - Geog 361 Environmental Hazards, 3 crs
 - Geol 115 Environmental Geology, 4 crs *or*
 - Geog 104 Physical Geography, 4 crs
 - Geol 308 Water Resources, 3 crs
 - Geol 315 Hydrogeology I, 4 crs
 - Geol 336 Geochemistry, 3 crs
- IV. One or more of the following environmental studies (min. 3 crs)
 - Econ 268 Environmental Economics, 3 crs
 - Enph 210 Introduction to Environmental Health, 3 crs
 - Enph 480 Environmental Law, 3 crs
 - Geog 270 Land Use Issues and Problems, 3 crs
 - Geog 375 Environmental Quality, 3 crs
 - Geog 378 International Environmental Problems and Policy, 3 crs
 - Phil 320 Environmental Ethics, 3 crs
- V. Two or more of the following techniques courses (min. 5 crs)
 - Biol 383 Statistical Analysis of Biological Data, 3 crs
 - Enph 441 Water and Wastewater, 3 crs
 - Geog 200 Computer Techniques in Geography, 3 crs
 - Geog 328 Quantitative Methods in Geography, 3 crs
 - Geog 335 Geographic Information Systems, 3 crs
 - Geog 338 Remote Sensing of the Environment, 3 crs
 - Geog 350 Soils and the Environment, 4 crs
 - Geog 363 Watershed Analysis, 4 crs
 - Geog 364 Fluvial Processes and Landforms, 4 crs
- VI. A field capstone (minimum 1 cr)
 - Biol 320 Studies in Tropical Environments, 3 crs
 - Biol 329 Biological Field Experiences and Service Learning Capstone, 1-2 crs.
 - Biol 490 Biological Field Studies, 1-3 crs
 - Geog 368 Landscape Analysis: Physical, 1-3 crs
 - Geog 401 Capstone Seminar, 3 crs
 - Geol 303 Rocky Mountain Field Studies, 3 crs
 - Geol 343 Geological Field Excursion, 1-2 crs
 - Geol 470 Field Geology I, 3 crs

For advising, see Professors P. Kleintjes Neff (P-337) Biology, K. Mumford (P-144) Watershed Institute, E. Weiher (P-353) Biology, or G. Running (P-253) Geography and Anthropology.

Interdisciplinary Majors

COMPREHENSIVE MAJOR: BIOCHEMISTRY/MOLECULAR BIOLOGY, Liberal Arts (Code 090-001)

This major leads to entry-level employment opportunities in research and development in industrial and government laboratories as well as to entry-level positions in the biotechnology industry. Graduates will also be well prepared to enter graduate studies in molecular biology, genetics, and related fields, as well as for admission to professional schools in medicine, osteopathy, and dentistry.

Requirements as follows:

I. Completion of introductory courses

- A. Passing grade(s) in introductory (100-level) chemistry courses including Chem 115 or Chem 103 and 104.
- B. Grade of C or above in Biology 111.
- C. Passage of the English Competency Requirement (grade of C or above in Engl 110, Engl 112, Hnrs 101, or equivalent).

II. Completion of intermediate level core chemistry and biology courses with a 2.70 GPA for these courses:

- Chem 325 Organic Chemistry I with Laboratory
- Chem 326 Organic Chemistry II with Laboratory
- Chem 213 Quantitative Analysis
- Biol 211 Organismal Form and Function
- Biol 300 Genetics

Introductory course grades are not calculated into this GPA.

III. Acceptance into the program and entry into advanced courses.

Students meeting criteria in I and II will be accepted into the B/MB Program.

*Because students in the B/MB Program must follow a specific course sequence, admission to the following advanced courses will be by preassignment: Biol 401, Biol/Chem 412, Chem 453, Chem 455, and Chem 406.

A minimum of 81 semester credits including Biol 111, 211, 300, 302, 304, 401, 409, and at least seven credits from Biol 317, 322, 333, 361, 380, 381, 399, 402, 420, 460, 470, 486, 499; Chem 115, 213, 325, 326, 406, 452, 453, 454, 455; Math 114; Phys 211, 212. Chem 103 and 104 may be substituted for Chem 115, but only six of the ten credits count toward the major. Chem 433 (434 optional) may be substituted for Chem 406. (Math 215 and Phys 231, 232 required if Chem 433 (434) is taken.) This substitution is strongly recommended for students considering doctoral study in Biophysics/Biochemistry. Students are also encouraged to seek out a collaborative research experience or do independent study (Biol or Chem 399 or 499) in addition to their formal coursework. A one-credit interdepartmental Biochemistry/Molecular Biology Seminar (Biol or Chem 412) is also required and fulfills the capstone requirement.

For advising, see Professors J. Anderson (P-349) Biology, R. Buiser (P-351) Biology, W. Gallagher (P-437) Chemistry, S. Hartsel (P-461) Chemistry, S. Showsh (P-358) Biology, L. Turtinen (P-361) Biology, or T. Yang (P-439) Chemistry.

COMPREHENSIVE MAJOR: CRIMINAL JUSTICE, Liberal Arts (Code 430-001)

The multidisciplinary criminal justice curriculum is designed to familiarize the student with the complex nature of the American criminal justice system. The study of criminal justice focuses upon the structure and functions of law enforcement, the courts, and corrections. Included is the analysis of the political, social, cultural, philosophical, and psychological forces that shape the policies, programs, and practices in the system. The liberal arts orientation of the program prepares the student for graduate-level work in criminal justice, law, and for careers at the local, state, and federal levels in law enforcement, corrections, and court related agencies. At least 60 semester credits, including:

I. Prerequisite Courses (12 credits)		Credits
Pols 110	American National Politics	3
Psyc 100	Introduction to Psychology	3
Soc 101	Introduction to Sociology	3
Crnj/Soc 103	Survey of the Criminal Justice System	3
II. Criminal Justice Core Courses (Minimum 30 credits)		
Phil 310	Philosophy of Law	3
Pols 301	State and Local Politics	3
Pols 338	Judicial Politics	3
Pols 405	Due Process and Criminal Law	3
Psyc 265	Statistical Methods in Psychology I (3 crs.) <i>or</i>	
Soc 328	Sociological Data Analysis (3 crs.) <i>or</i>	
Math 246	Elementary Statistics (4 crs.)	3-4
SW 309	Community-based Corrections	3
Crnj 301	Criminology Theory	3
Crnj/Soc 302	Youth Crime and the Juvenile Justice System	3
Crnj 319	Police in Society	3
Crnj 342	Confinement and Corrections	3

III. Other Required Courses (18 credits)

At least six credits must be selected from A, six from B, and three from C.

A. Law, Constitution, Policy Area

Anth 422; Phil 120; Pols 305, 343, 346, 403, 404; SW 383.

B. Individual, Social, Political Behavior Area

Hist 370; Pols 342, 350, 353; Psyc 245, 331, 332, 351; SW 285*, 385; Soc 312, 316, 321, 332, 351; Wmns 310.

*Criminal Justice majors are exempt from the Idis 100 prerequisite.

Contact the Social Work Department for permission to enroll in the course.

C. Criminal Justice Intervention and Application Area

Crmj 498; Pols 498; Psyc 325, 346, 380; SW 424.

The following courses will be applied to a specific elective category based on the content: Crmj 291, 395, 397, 399, 491, 499.

For advising, see Professor R. Beger (SSS-221B) Political Science.

CRIMINAL JUSTICE HONORS PROGRAM

I. Goals

- To provide an enriched educational experience for subsequent graduate study, professional activity, public life, or citizenship.
- To encourage concentrated study in selected areas in the field of criminal justice.
- To stimulate and challenge exceptional students to gain a better understanding of the issues, substantive content, research and theory in criminal justice.
- To develop capabilities for independent thought and constructive criticism.

II. Entrance Requirements

- Eligibility: Upper-class majors with resident and total GPAs of 3.50 and resident and total GPAs of 3.50 in criminal justice major courses.
- Applications for the Honors Program should be made in writing to the Criminal Justice Program Coordinating Committee early in the junior year.

III. Graduation from the University with Honors in Criminal Justice requires maintaining resident and total GPAs of 3.50 in criminal justice major courses, and satisfactory completion of all of the following:

- Criminal justice major requirements.
- Six credits of independent study, approved by the student's honors committee.
- An honors examination.
- An honors research paper.

Criminal Justice Courses

CRMJ

CRMJ 103 Survey of the Criminal Justice System

3 crs. • F, Sp • GE-IIIIG • P: No credit if taken after SOC 203.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

CRMJ 291 Special Topics

3 crs. • V • May be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Intensive study of a topic selected because of special interest on the part of students or faculty.

CRMJ 301 Criminology Theory

3 crs. • F, Sp • P: CRMJ/SOC 103

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CRMJ 302 Youth Crime and Juvenile Justice

3 crs. • F, Sp • GE-IIIIG • P: CRMJ/SOC 103.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

CRMJ 319 Police in Society

3 crs. • F, Sp • P: CRMJ/SOC 103

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CRMJ 342 Confinement and Corrections

3 crs. • F, Sp • Field Trip(s) Required • P: CRMJ/SOC 103

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CRMJ 395 Directed Studies

1-3 crs. • F, Sp, Su • May be repeated for a maximum of 6 credits • Department Consent Required

Students, with assistance and approval from supervising instructors, define a particular problem or topic to study.

CRMJ 397 Student Academic Apprenticeship in Criminal Justice

1-3 crs. • F, Sp • May be repeated for a maximum of 6 credits • P: B+ or above in assigned course. Limited to criminal justice majors. Minimum total GPA of 3.30. • 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.

CRMJ 399 Independent Study - Juniors

1-3 crs. • F, Sp, Su • May be repeated for a maximum of 6 credits • P: Minimum junior standing. • 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.

CRMJ 491 Special Topics

3 crs. • V • May be repeated for a maximum of 6 credits

Intensive study of a topic selected because of special interest on the part of students or faculty.

CRMJ 498 Criminal Justice Internship

1-6 crs. • F, Sp, Su • SL-Full; IN • May be repeated for a maximum of 6 credits

• P: CRMJ/SOC 103, and 30 credits which apply to the criminal justice major. Minimum junior standing. Limited to criminal justice majors. • 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.

CRMJ 499 Independent Study - Seniors

1-3 crs. • F, Sp, Su • May be repeated for a maximum of 6 credits • P: Minimum senior standing. • 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.

COMPREHENSIVE MAJOR: LIBERAL STUDIES, Liberal Arts (Code 370-001)

The Liberal Studies Comprehensive Major (LSCM) provides an alternative to traditional majors by allowing a student to design an interdisciplinary major around a theme of the student's choosing in consultation with her/his adviser. Each student's program will include three required liberal studies seminars and three interrelated areas of

concentration that when linked will constitute a coherent theme. The LSCM thus offers an opportunity for study in greater breadth than is possible when majoring in a specific disciplinary area. It also provides a coherent intellectual framework for each student's academic work, and formalizes student engagement in integrating and transferring knowledge across subject matter and skills areas.

The overall theme for the major and the three interrelated concentrations will be approved by the Liberal Studies Steering Committee. When proposing the elements of the individualized major, students will describe the theme or idea joining all three concentrations, the interconnections between concentrations, and the theme or discipline of each concentration. They also will present a list of courses in each concentration that the student intends to take to acquire the knowledge and skills related to the theme of the major. Courses selected may satisfy General Education requirements. Students in this program will be encouraged to take advantage of UW-Eau Claire's strong tradition in student-faculty collaborative research by developing and implementing a research, scholarly, or creative project, especially related to the integrating themes of their individual academic program.

In order to graduate with a Liberal Studies Comprehensive Major, students must complete the requirements specified for the Bachelor of Liberal Studies (BLS) (see degree program requirements for the College of Arts and Sciences). The BLS degree is designed to help students develop the breadth of knowledge and skills that represent the core of liberal education, including knowledge of human cultures and the natural world; communication, critical thinking, problem solving, and analytical skills; and teamwork and collaborative abilities. Through the BLS degree and LSCM, students will gain broad knowledge across the arts, humanities, natural sciences, and social sciences. They will come to understand differences and commonalities in the questions and methodologies that characterize the disciplines, along with interconnections among disciplines as they relate to issues and theoretical concepts. They will learn to inquire within and across disciplines and apply different disciplines and schools of thought to answer questions and solve problems. They will gain skills in writing and oral communication, critical analysis, and collaborating as a member of a team.

Admission to Major Requirement: Completion of LS 201.

Curricular Requirements for the Major

A minimum of 60 credits, including:

Three Liberal Studies Seminars (9 credits)

LS 201, Introductory Liberal Studies Seminar

LS 301, Liberal Studies Research Seminar

LS 480, Liberal Studies Capstone Seminar

Three Theme- or Discipline-Based Concentrations (minimum 17 credits each and at least 51 credits total)

Each individually-designed major program must include at least 39 credits from College of Arts and Sciences course work and a minimum of 21 upper-division credits.

For advising information, contact Professor M. Goulet, Director of Liberal Studies (S-134) College of Arts and Sciences.

Liberal Studies Courses

LS

LS 201 Introductory Liberal Studies Seminar

3 crs. • F, Sp • GE-V

Seminar Hours: 3 | Lab/Studio Hours: 0

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.

LS 301 Liberal Studies Research Seminar

3 crs. • Sp • P: LS 201.

Seminar Hours: 3 | Lab/Studio Hours: 0

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.

LS 395 Directed Studies

1-3 crs. • V • May be repeated for a maximum of 6 credits • A-F Grades Only • P: LS 201 • Department Consent Required

For the student who wishes to pursue study of an interdisciplinary topic under the guidance of a faculty member.

LS 399 Independent Study-Juniors

1-3 crs. • V • May be repeated for a maximum of 6 credits • A-F Grades Only • P: LS 201 • Department Consent Required

For the student who wishes to pursue independent study of an interdisciplinary topic under the guidance of a faculty member.

LS 480 Liberal Studies Capstone Seminar

3 crs. • F, Sp • CP • P: LS 301. Minimum senior standing.

Seminar Hours: 3 | Lab/Studio Hours: 0

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.

LS 498 Internship

1-6 crs. • V • May be repeated for a maximum of 6 credits • A-F Grades Only • P: LS 201 • Department Consent Required

Provides applied experience in an area of interest with content related to a student's theme of study.

LS 499 Independent Study - Seniors

1-3 crs. • V • May be repeated for a maximum of 6 credits • A-F Grades Only • P: LS 201 • Department Consent Required

For the student who wishes to pursue independent study of an interdisciplinary topic under the guidance of a faculty member.

COMPREHENSIVE MAJOR: ORGANIZATIONAL LEADERSHIP AND COMMUNICATION, Liberal Arts (Code 375-001)

The Organizational Leadership and Communication (OLC) Comprehensive Major is a 60-credit online degree completion program designed for individuals who have completed the Associate of Arts and Science (AAS) degree in the UW Colleges, comparable Associate of Arts and Associate of Science degrees elsewhere, or comparable coursework.

The OLC includes three seminars of three credits each and 51 credits of courses specifically designed to meet the needs of community and organizational leaders. The curriculum develops students' ability to apply the knowledge and skills gained to professional settings so they can define and solve problems ethically, write and speak proficiently, seek out and analyze data needed for effective decision making, understand communities at all levels, and collaborate and lead effectively in their workplaces and communities. UW-Eau Claire hallmarks such as the capstone course, student/faculty collaborative research, and service-learning are available to the students and, in the case of the capstone course and service-learning, are required in the OLC Comprehensive Major.

In order to graduate with an Organizational Leadership and Communication Comprehensive Major, students must complete the requirements specified for the Bachelor of Professional Studies (BPS) (see degree program requirements for the College of Arts and Sciences). The BPS degree provides an opportunity for students to focus on the liberal arts and sciences throughout completion of the Bachelor's degree, building on the study of the liberal arts and sciences achieved in earlier course work.

Admission to Major Requirement: Completion of the AAS degree in UW Colleges or completion of an Associate degree in liberal studies comparable to the AAS degree, or comparable coursework. Students who have a significant number of credits but no Associate degree will have their portfolios evaluated for admission consideration.

Curricular Requirements for the Major

A minimum of 60 credits, including:

Three Core Seminars (9 credits)

- PSAS 300 Introduction to Organizational Leadership and Communication
PSAS 350 Using Data to Make Decisions
PSAS 480 Organizational Leadership and Communication Capstone

Required Knowledge/Skill/Values Courses (51 credits)

- CJ 390 Communication in Interpersonal and Cultural Contexts
CJ 391 Communication in Organizations: Perspectives and Applications
CJ 392 Communication in Teams and Groups
CJ 492 Analyzing and Improving Organizational Communication
CS 290 Introduction to Data Management
ECON 373 Economics of Urban Issues
HIST 390 Local History, Global History
IDIS 360 The Workforce in Music, Literature and Art
IDIS 370 Science and Society
PHIL 301 Ethics in the Professions and the Community
POLS 387 The Psychology of Public Opinion
PSB 321 Business Communication for Today's Workforce
PSB 350 Principles of Management and Leadership
PSB 360 Marketing and Selling Your Ideas
PSB 370 Human Resource and Legal Issues in the Workplace
PSB 380 Accounting for the Workplace
SOC 385 Social Foundations of Work and Occupations

For advising information, contact Professor K. Lang, (HHH-701).

Professional Studies Courses

PSAS

PSAS 300 Introduction to Organizational Leadership and Communication

3 crs. • V • BPS Flat Rate Tuition • A-F Grades Only • P: Limited to Organizational Leadership and Communication comprehensive majors, Bachelor of Professional Studies degree.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• No credit for major or minor in Communication, Mass 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.

PSAS 350 Using Data to Make Decisions

3 crs. • V • BPS Flat Rate Tuition • A-F Grades Only • P: Limited to Organizational Leadership and Communication comprehensive majors, Bachelor of Professional Studies degree.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PSAS 399 Independent Study-Juniors

1-3 crs. • V • BPS Flat Rate Tuition • May be repeated for a maximum of 6 credits • A-F Grades Only • P: Limited to students in the Bachelor of Professional Studies degree program. Junior standing. • Department Consent Required
Individual projects completed under the direction of a faculty member.

PSAS 480 Organizational Leadership and Communication Capstone

3 crs. • V • BPS Flat Rate Tuition • A-F Grades Only • P: PSAS 350. Limited to Organizational Leadership and Communication comprehensive majors, Bachelor of Professional Studies degree. Senior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

PSAS 499 Independent Study-Seniors

1-3 crs. • V • BPS Flat Rate Tuition • May be repeated for a maximum of 6 credits • A-F Grades Only • P: Limited to students in the Bachelor of Professional Studies degree program. Senior standing. • Department Consent Required
Individual projects completed under the direction of a faculty member.

PSB

PSB 321 Business Communication for Today's Workforce

3 crs. • F, Sp, Su • BPS Flat Rate Tuition • A-F Grades Only • P: ENGL 110, CJ 202, or equivalent competency. Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies (BPS) degree or by consent of the Academic Director for the BPS degree.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• No credit toward any major or minor in the College of Business.

Students focus on oral and written business communication theory and practice to enhance their communication skills. The use of technology for communicating in today's business environment is explored.

PSB 350 Principles of Management and Leadership

3 crs. • F • BPS Flat Rate Tuition • A-F Grades Only • P: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies (BPS) degree or by consent of the Academic Director for the BPS degree.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• No credit toward any major or minor in the College of Business.

Managerial functions of planning, organizing, directing and controlling as they apply to organizations are discussed. Principles of leadership, motivation and project management as they relate to the role of individual and team applications are examined.

PSB 360 Marketing and Selling Your Ideas

3 crs. • Sp • BPS Flat Rate Tuition • A-F Grades Only • P: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies (BPS) degree or by consent of the Academic Director for the BPS degree.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• No credit toward any major or minor in the College of Business.

The course examines how profit and non-profit organizations identify and evaluate customer needs by offering need satisfying products and services. It examines how individuals can promote their ideas in a persuasive manner.

PSB 370 Human Resource and Legal Issues in the Workplace

3 crs. • F • BPS Flat Rate Tuition • A-F Grades Only • P: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies (BPS) degree or by consent of the Academic Director for the BPS degree.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• No credit toward any major or minor in the College of Business.

Recruiting, selection, appraisal, training, reward systems and employee relations in the workplace are examined. Equal Opportunity Law and international human resource issues as well as basic workplace legal issues are addressed.

PSB 380 Accounting for the Workplace

3 crs. • Sp • BPS Flat Rate Tuition • A-F Grades Only • P: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies (BPS) degree or by consent of the Academic Director for the BPS degree.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• No credit toward any major or minor in the College of Business.

An introduction to basic accounting concepts students encounter in their lives. Financial statements are analyzed to reveal the financial health of a person or organization and how to include financial information when making decisions about investing, borrowing and budgeting.

COMPREHENSIVE MAJOR: PHYSICAL SCIENCE

Teaching (Code 240-004)

Sixty semester credits, including Phys 226, 231, 232, 332, 340, 350 (25 credits); either Chem 115, 213, 218, 325, 326 and 420 (23 credits) or Chem 103, 104, 213, 218, 325 and 326 (25 credits); Math 114, 215 (eight credits); and at least four credits of electives from Math 112, chemistry, or physics.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Chemistry, Physics, and Physical Science in Early Adolescence through Adolescence classrooms.

For advising, see Professors R. Eierman (OL-1142C) Chemistry, E. Hendrickson (P-231) Physics and Astronomy, or T. Lockhart (P-243) Physics and Astronomy.

NOTE: Completion of the following requirements and ES 367 adds Broadfield Science licensure to the Physical Science major: Biol 100 and 151 or Biol 110 and 111, and eight credits from Geog 104, Geol 110 or 115, Phys 229.

COMPREHENSIVE MAJOR: PHYSICS-MATHEMATICS, Teaching

Sixty semester credits including Phys 231, 232, 332, 333, 340, 350; Math 114, 215, 216, 324, 330, 345, 425. In addition to the above core

of courses, each student must elect either a Physics Emphasis or a Mathematics Emphasis.

All Physics-Mathematics Teaching Majors must pass the Praxis II General Science Examination, which tests content from all science areas, thus, including a broad array of science courses in students' degree programs is recommended. Majors must complete Biol 180 or Geog 178 as part of their General Education Program for certification reasons, but additional coursework in other science disciplines would be helpful, such as Chem 103 and 104, or Chem 115.

Physics Emphasis: (Code 210-003)

- A. At least ten credits from Phys 226, 229, or any physics courses numbered above 325.
- B. Additional courses from the Physics Emphasis or Mathematics Emphasis to give a minimum of 60 credits in mathematics and physics.

Mathematics Emphasis: (Code 210-004)

- A. At least ten credits selected from mathematics courses numbered above 305. At least one course in a computer programming language is recommended.
- B. A minimum of one additional physics course from the Physics Emphasis.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Physics and Mathematics in Early Adolescence through Adolescence classrooms.

For advising, see Professors E. Hendrickson (P-231) Physics and Astronomy, T. Lockhart (P-243) Physics and Astronomy, or A. Smith (HHH-508) Mathematics.

NOTE: Completion of the following requirements and ES 367 adds Broadfield Science licensure to the Physics-Mathematics major:

- A. Fourteen credits from one of the following areas: (1) Biol 110, 111, 151, 211; (2) ten credits in chemistry courses (103, 104) required for the physics major, plus Chem 213; (3) Geol 110 or 115; Geog 104; Phys 226; plus one course from Geol 102, 301, 308, 418, or Phys 229.
- B. Eight credits in each of the two areas not selected in A above: (1) Biol 110, 111; (2) ten credits in chemistry courses (103, 104) required for the physics major; (3) Geol 110 or 115; Geog 104; Phys 226, 229.

COMPREHENSIVE MAJOR: SOCIAL STUDIES, Broadfield Teaching

The comprehensive major in Broadfield Social Studies prepares education students to teach fusion social studies courses and subject-specific social studies courses in their area or areas of concentration.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach fusion social studies courses in Early Adolescence through Adolescence classrooms and also courses in discrete subjects in which 24 credits are completed.

After admission to the Education Professional Program, all Broadfield Social Studies majors must pass the Praxis II Social Studies examination (Exam #10081). This examination is prepared by the Educational Testing Service and tests content from all social studies subject areas. Praxis II examinations may be taken on campus at the Office of Academic Testing (Schofield 226).

Students will choose one of two emphases available within the Broadfield Social Studies major.

- A. **Single-concentration Emphasis:** The Broadfield Social Studies major with the single-concentration emphasis leads to certification to teach fusion social studies courses and courses in the area of concentration.

Sixty semester credits, including:

1. A 36-credit concentration in one of the following disciplines: Economics (Code 500-018), Geography (Code 500-019), History (Code 500-020), Political Science (Code 500-021), Sociology (Code 500-022). Courses taken to fulfill this requirement must be those specified as constituting a teaching major in the appropriate department.
2. Idis 285; Pols 110 and 301; Econ 103 and 104, or 201 (if not included in [1]).

3. Remaining credits to total 60 in the major. The 60 credits will be from at least four subject areas. The remaining credits will be chosen from among Econ 321; Geog 111, 325, 379; Hist 114, 115, 124, 125, and either 210 or Hist/AIS 240; Pols 122, 260, 305; Soc 101, 164, 242, 312; Soc/Wmns 202; Crmj/Soc 103 (if not included in [1]).

NOTE: In addition to the 60-credit major, students must complete Geog 178 or Biol 180 (in GE-II) and Psyc 261 (in GE-III).

Students with a single-concentration emphasis will receive certification in broadfield social studies and one area of concentration.

Students who also choose to include in their program a certifiable minor in a subject outside of social studies (in addition to the Broadfield Social Studies major) will take the appropriate Praxis II examination in that subject as well as the social studies examination.

For advising, see an adviser in the area of concentration: Professors W. Carroll (SSS-400G) Economics, E. Zeitler (P-251) Geography, K. Lang (HHH-718) History, R. Freitag (SSS-200E) Political Science, or J. Hein (SSS-433) Sociology.

As an alternative to the Broadfield Social Studies major, students may select a teaching major in Economics, Geography, History, Political Science, or Sociology (36 credits), in conjunction with a certifiable minor (24 credits). This program leads to certification to teach courses in the major and minor subjects, but not fusion social studies courses. These students must take the Praxis II social studies exam and also, if their minor is outside of social studies, the Praxis II exam in the content area of the minor.

- B. **Dual-concentration Emphasis:** The Broadfield Social Studies major with the dual-concentration emphasis leads to certification to teach fusion social studies courses, history courses, and courses in the second area of concentration.

Sixty semester credits, including:

1. History concentration: Hist 114, 124, 125, 288, and either Hist/Wmns 205, Hist 210 or Hist/AIS 240 (14 credits); at least 10 additional credits in History at the 300- or 400-level, with one course from United States history, one course from European history, and one course from World History. (See History Department section for course listings.)
2. A 24-credit concentration in one of the following disciplines: Economics (500-023), Geography (500-024), Political Science (500-025), or Sociology (500-026). Courses taken to fulfill this requirement must be those specified as constituting a teaching minor in the appropriate department.
3. Idis 285; Pols 110; Econ 103 and 104, or 201 (if not included in [2]).
4. Remaining credits to total 60 in the major. The 60 credits will be from at least four subject areas. Additional credits will be from among Econ 321; Geog 111, 325, 379; Pols 122, 260, 301, 305; Soc 101, 164, 242, 312; Soc/Wmns 202; and Crmj/Soc 103 (if not included in [2]).

NOTE 1: In addition to the 60-credit major, students must complete Geog 178 or Biol 180 (in GE-II) and Psyc 261 (in GE-III).

NOTE 2: In category 4, students with a Geography concentration will choose only from among Econ 321; Pols 301, Pols 305; or Soc 312.

Students who complete the dual-concentration emphasis will receive broadfield social studies, history, and discrete subject certification in the social studies subject in which they complete 24 credits.

Students who also choose to include in their program a certifiable minor in a subject outside of the social studies (in addition to the Broadfield Social Studies major) will take the appropriate Praxis II examination in that subject as well as the social studies examination.

For initial advising, see Professor K. Lang (HHH-718) History or R. Freitag (SSS-200E) Political Science. Students will then be assigned two advisers, one in the Department of History and one in the other subject in which they elect to complete 24 credits.

As an alternative to the Broadfield Social Studies major, students may select a teaching major (36 credits) in Economics, Geography, History, Political Science, or Sociology, in conjunction with a certifiable minor (24 credits). This program leads to certification to teach courses in the major and minor subjects, but not fusion social studies courses. These students must take the Praxis II social studies exam and also, if the minor is outside of social studies, the Praxis II content exam in the minor.

Interdisciplinary Minors

MINOR: ANCIENT STUDIES, Liberal Arts (Code 310-401)

The minor in Ancient Studies touches upon almost every field of human inquiry: language, literature, history, politics, religion, medicine, and science, to note only a few of the broader disciplines. Students taking courses to fulfill this minor will pursue the following specific goals: (1) to enhance their appreciation and understanding of ancient languages, cultures, and their own heritage; (2) to develop students' critical thinking abilities via language acquisition (study of grammar, translation, and interpretation), text analysis, historical perspective, and study of the influence of ancient civilizations upon subsequent periods; (3) to pursue an option within the undergraduate experience which allows one to explore in a systematic way the fundamental building blocks and materials of a liberal education and, thereby, highlight UW-Eau Claire's goals as a liberal arts institution; (4) to develop an interdisciplinary approach to these fields of study and to discover, by study of their origins, an apprehension of the underlying reasons and methods of discourse and institutions of the western world; (5) to see ourselves in perspective, to become more enlightened citizens, and to think more deeply about the human condition and important issues in our lives—based on the bedrock of the earliest approaches, which impacted all subsequent ones, to such questions.

The minor consists of 24 credits of core and elective coursework, including foreign language competency at the 102-level.

Core Requirements: Eight credits of the 101-102 sequence of Latin (Lat) or Classical Greek (Grk); either also fulfills the foreign language requirement.

Elective Courses: Sixteen credits to be chosen from the following list, with at least two courses from each category and a minimum of nine credits at the 300- or 400-level.

Category A:

Anth 169	Introduction to Archaeology, 3 crs
Arth 111	Art History Survey I, 3 crs
Arth 315	Ancient Greek, Etruscan, and Roman Art, 3 crs
Arth/AIS 335	Precolumbian Art of Mexico and Central America, 3 crs
Fltr 250	Classical Mythology, 3 crs
Phil 235	Ancient Philosophy, 2 crs
Rels 230	Old Testament, 3 crs
Rels 240	New Testament, 3 crs
Rels 303	Early Christianity, 3 crs

Category B:

Fltr 360	Readings in Ancient Literature, 3 crs
Hist 280	History Travel Seminar, 1-3 crs *
Hist 302	Ancient Near Eastern Civilizations, 3 crs
Hist 304	Greek Civilization, 3 crs
Hist 306	Roman Civilization, 3 crs
Hist 308	Ancient Historiography, 3 crs
Pols 309	Classical Political Thought, 3 crs

*Destination and format of course, as applicable to this minor, are subject to approval of the minor adviser.

For advising, see Professor M. Waters (HHH-358) Foreign Languages.

NOTE 1: All courses listed count for GE credit, except for Fltr 360 and Hist 308.

NOTE 2: Up to three credits of Directed Studies or Independent Study for projects focusing on ancient studies may be applied to either category of the minor, with approval from the minor adviser.

MINOR: COMPUTATIONAL SCIENCE, Liberal Arts (Code 175-400)

This minor provides the student with the opportunity to become knowledgeable about computing and proficient in its application to the student's major scientific emphasis. Working with faculty from multiple departments, students participate in multidisciplinary approaches to problem solving that have computing at their core.

The minor requires a minimum of 24 semester credits, including:

Prerequisite: Math 215, Calculus II

Core Courses: CS 163, Introduction to Programming in C++; CS 170, Computing for Sciences and Math; Math 246, Elementary

Statistics; Math 351, Numerical Analysis I; Math 354, Introduction to Mathematical Modeling; CPSC 300, Computational Science II.

Major Elective: At least one course **within** the student's major selected from the elective list.

Minor Elective: At least one course **outside** of the student's major selected from the elective list.

Elective list: Chem 406; CS 318; Geog 280, 328, 335, 338, 339; Geol 315, 445; Math 312, 313, 338, 352; Math/Phys 440; Phys 226, 229, 360; Biol 383.

For advising, see Professors D. Lonzarich (P-339) Biology, W. Gallagher (P-437) Chemistry, A. Smith (HHH-509) Mathematics, H. Jol (P-249) Geography, B. Mahoney (P-149) Geology, P. Thomas (P-241) Physics and Astronomy, or C. Johnson (P-134) Computer Science.

In addition to this multidisciplinary minor, see page 110 of this Catalog for major and minor programs in the Department of Computer Science.

Computational Science Course

CPSC

CPSC 300 Computational Science II

3 crs. • F • P: MATH 351 and 354.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

MINOR: FAMILY STUDIES, Liberal Arts (Code 487-401)

The Interdisciplinary Family Studies Minor is designed to: (1) develop an understanding of the issues and problems confronting contemporary families from the anthropological, historical, psychological, religious, and sociological perspectives; (2) provide an interdisciplinary liberal arts base for those students who wish to pursue graduate study in the field of family studies; and (3) provide a knowledge of family studies that will foster the personal and social development of the individual student.

Twenty-four semester credits, including:

Required Courses:

Hist 370 History of the Family in America

Psyc 230 Human Development

Soc 316 Sociology of Family

Category A, B, and C Courses—minimum of one course from each category:

A. Psyc 331 Child Psychology, Psyc 332 Psychology of Adolescence, Psyc 333 Psychology of Adulthood and Aging

B. Soc 164 Family and Intimate Relationships, Soc 364 Social Gerontology, Soc 417 Comparative Family Systems, Soc 426 Sociology of Sexualities

C. Anth/Wmns 356 Women in Cross-Cultural Perspective; Psyc/Wmns 336 Psychology of Women; Rels/Wmns 203 Women and World Religions, Rels/Wmns 353 Emancipating Eve and Adam: The Women's Movement in Religion; Soc/Wmns 202 Women and Men in Society: The Sociology of Gender, Soc/Wmns 419 Sociology of Women

Remaining credits to be selected from courses included in Categories A, B, and C or from the following list: CJ 201 Introduction to Interpersonal Communication; Psyc 281 Introduction to Behavior Analysis and Therapy, Psyc 325 Theories of Counseling; Rels 100 Introduction to the Religions of the World, Rels 210 Religion and Morality; SW 315 Aging and the Aged, SW 385 Child Welfare, SW 424 Alcohol and Other Drug Abuse. Up to three credits from Directed Studies, Independent Study, Internship, or Special Topics courses that focus on family issues may be applied to the minor with approval from the Family Studies Minor Coordinator.

NOTE: No more than nine credits from any one course prefix may be counted toward the minor. Anth/Wmns, Rels/Wmns, and Soc/Wmns courses will count as Anth, Rels, or Soc credits, respectively, for purposes of this limitation.

For advising, see Department of Sociology (SSS-440).

MINOR: GENERAL SCIENCE, Middle Childhood/Early Adolescence (Code 120-403)

A minimum of 28 semester credits including Biol 100, Phys 100, and Geol 106. Remaining credits must be selected from: Biol 110, 130, 151, 180, 181, 195, 196; Chem 103, 104, 115, 121, 150, 191, 304, 399; Geog 178, 200, 304, 335, 338, 361; Geol 301, 303, 308, 312, 420; Phys 115, 211, 212, 226, 229, 315. Only one of Geog 178 or Biol 180 may be included in the minor. Additional courses may be considered with prior approval from the course instructor and general science minor adviser.

At least ten credits from one discipline (biology, chemistry, geography/geology, physics/astronomy) and six credits from each of the other three disciplines must be completed.

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A and leads to licensure to teach General Science in Middle Childhood through Early Adolescence classrooms.

For advising, see Professor R. Hollon (B-291) Education Studies.

MINOR: GERONTOLOGY, Liberal Arts (Code 670-400)

Gerontology is a multidisciplinary field that examines the correlates and consequences of human aging. To reflect this multidisciplinary nature, the Gerontology minor includes courses from a variety of academic disciplines. Objectives of the minor include: 1) promoting an understanding of the multifaceted nature of the human aging process; 2) generating awareness of both the rewards and challenges associated with aging; 3) providing a broad program of study that complements a number of major programs and prepares students for graduate study and/or careers in the field of aging.

Twenty-four semester credits, including:

Core Courses

Biol	151	Biology of Humans
CSD	410	Communication Changes and Disorders of the Older Adult
Psyc	333	Psychology of Adulthood and Aging
SW	315	Aging and the Aged <i>or</i>
Soc	364	Social Gerontology*
SW/Nrsg	360	Death and Bereavement

*NOTE: If both SW 315 and Soc 364 are taken, three of the credits will count toward the remaining credits category.

Remaining credits to be selected from: Biol 196; Econ 280; Hcad 222; Idis 201; Nrsg 211, 212, 213; Phil 306; Psyc 230; Rels 315; Soc 316. Up to three credits from Directed Studies, Independent Study, or Special Topics courses that focus on gerontological issues may be applied to the minor with approval from the Gerontology minor adviser.

For advising, see Professor M. Cassidy (S-134) College of Arts and Sciences.

MINOR: GLOBAL STUDIES, Liberal Arts (Code 424-400)

The interdisciplinary minor in Global Studies is designed to enhance students' understanding of other languages, diverse cultures, and global issues. It provides students with the knowledge and skills that can be used in a changing and increasingly interdependent world. It also offers curricular options that encourage participation in other international studies programs as well as study abroad and internship options. By completing this minor, students should develop: (1) a historical perspective of international life, cultures, and countries; (2) an understanding of economic and financial differences that often define life in other countries and account for life experiences, education, and social development; (3) an understanding of the social and cultural differences that serve to define life in international communities; (4) an understanding of world politics and the influence of private and public organizations that are transforming power and social interactions around the world; (5) an understanding of world geography by studying the production, exchange, consumption patterns, and development of international communities; (6) an understanding of foreign languages that will prepare them for study abroad experiences as well as employ-

ment in multinational companies, governmental agencies, education, social work, and health service organizations.

To be awarded the minor, in addition to the 24 semester credits required, students also must have foreign language competency at the 102-level.

Twenty-four semester credits, including:

Core Courses (12 credits):

Econ 104	Principles of Macroeconomics
Hist 125	World History Since 1500 <i>or</i>
Hist 292	Origins of Current World Conflicts <i>or</i>
ArtH 310	History of World Architecture
Pols 102	Introduction to Politics <i>or</i>
Pols 122	Introduction to World Politics
Anth/AIS 161	Introduction to Cultural Anthropology <i>or</i>
Geog 111	Human Geography <i>or</i>
Rels 100	Introduction to the Religions of the World <i>or</i>
Rels 210	Religion and Morality

Elective Courses (12 credits) chosen from the following list, with a minimum of six credits, at the 300- or 400-level:

Anth 315, 345, 351, 355, 422, 463; Anth/Wmns 356
ArtH 201, 225, 227; ArtH/AIS 324, 335
CJ 301, 319
Econ 351, 353, 355; Econ/LAS 356
Engl 230, 330
Nrsg 213 (meets University Wellness requirement)
Foreign Languages: Fren 355; Germ 363; Span 356; Span/LAS 352
Geog 301, 308, 319, 321, 378
Hist 124, 204, 252, 284, 326, 360, 362, 366, 371, 375, 379, 381, 383, 384, 388, 389, 393; Hist/LAS 311; Hist/Wmns 385
Idis 325
Musi 225, 303
Nrsg 389, 448
Pols 121, 260, 265, 321, 322, 323, 324, 325, 327, 331, 332, 334, 335, 390; Pols/LAS 319, 320
Rels 304, 307, 309, 312, 314, 323, 378; Rels/AIS 330

NOTE 1: With the exception of Econ 351, 353, 355; Musi 303; Nrsg 213, 389, 448, the remaining courses count for General Education credit. (Reminder: No more than ten credits from any one course prefix may be counted for General Education credit.)

NOTE 2: It is not likely that students in major other than Music will have the prerequisites for Musi 303.

For advising, see Professors A. Abootalebi (SSS-229A) Political Science, M. DaCosta (SSS-477) Economics, K. Lang (HHH-718) History, E. Santos-Phillips (HHH-368) Foreign Languages, K. Schaupp (HHH-614) Philosophy and Religious Studies, D. Shih (HHH-415) English, J. Sims (HHH-158) Communication and Journalism, or L. Taft (NUR-207) Nursing. Students pursuing a major in the College of Business should see their major adviser for information about the Global Studies Minor.

MINOR: LANGUAGE ARTS, Middle Childhood/Early Adolescence (Code 930-402)

Consisting of studies in Communication, Communication Sciences and Disorders, English, Education, and Theatre Arts, this minor provides a broad background which is useful to all teachers in the language arts. This minor is a valid minor for individuals seeking licensure to teach in Middle Childhood through Early Adolescence classrooms.

Twenty-four semester credits, including Engl 150 or 244 or 245, 302; CJ 205; ES 316. Six credits selected from Engl 201, 220, 325; Lmed 306; and three credits selected from Engl 421; Thea 335, 336.

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A and leads to licensure to teach English/Language Arts in Middle Childhood through Early Adolescence classrooms.

For advising, contact the Education Studies department (B-271).

MINOR: LANGUAGE STUDIES, Liberal Arts (Code 570-401)

The Language Studies minor is designed to impart a basic understanding of what human language is, how it functions, and how it is acquired. Courses may be selected not only to complement a liberal arts major, but also to strengthen the competencies needed in vocations concerned with communication, or to establish a foundation for further study in linguistics.

Twenty-four semester credits from at least four departments, including at least 11 credits at the 300-level or higher, selected from the following:

Core requirements (12 credits, six from A and six from B):

- A. Engl 221 The English Language
- Engl 321 Topics in the Structure of English
- Engl 325 History of the English Language
- Engl 421 Seminar in Linguistic Research
- B. Anth 315 Language in Culture and Society
- Phil 322 Philosophy of Language
- CSD 257 Normal Communication Development

NOTE: No course counted toward a major may be counted toward the 24 credits required for the Language Studies minor. However, a core requirement in the minor will be waived if an appropriate course has been taken as part of a major program. Credits so waived must be replaced in the minor by an additional core course or by an elective.

Electives (12 credits): Any courses listed above may be taken as electives if not already counted toward core requirements. Electives may also be chosen from the following:

CSD: A maximum of seven credits selected from 258 (to be taken after or concurrently with 257), 262, 311, 331, 353, 358, 440, 448. (CSD 262 may be replaced with Fren 325, Germ 325, or Span 325.)

- CJ 301
- Flg 378
- Germ 413
- Phil 150, 250

Languages: A maximum of eight credits in elementary or intermediate courses in a foreign language (including American Sign Language and American Indian Languages) may be counted toward the minor with a limit of four credits in any one language. Up to three credits of programming language (selected from CS 245, 330, 388) may be included among the eight credits of languages.

For advising, see Professor E. Benson (HHH-419) English.

MINOR: MARINE SCIENCE, Liberal Arts (Code 150-400)

This minor is designed for students who are majoring in biology, chemistry, geography, or geology and who are interested in Marine Science. The majority of coursework (minimum of four courses) is to be taken during two summer sessions at the Gulf Coast Research Lab (GCRL) in Ocean Springs, Mississippi. Remaining credits are chosen from UW-Eau Claire courses outside of one's major. Courses in chemistry, physics, and calculus are strongly recommended.

The minor consists of 24 credits as follows:

Required courses at Gulf Coast Research Laboratory

First summer (ten credits) -

- Marine Science I: Oceanography (5 crs.)
- Marine Science II: Marine Biology (5 crs.)

Second summer (8 to 12 credits) - Choose from advanced courses offered at the Gulf Coast Research Laboratory in consultation with an adviser. *Remaining credits to be chosen from courses outside of one's major* selected from CS 170; Enph 441; Geog 280, 335, 338, 340; Geol 110, 312, 418; Math 246; Biol 330, 345, 352, 361, 376, 379; Chem 213.

For advising see Professors D. Lonzarich (P-339) Biology [On-Campus Affiliate Coordinator] or K. Syverson (P-157) Geology.

MINOR: MIDDLE EAST STUDIES, Liberal Arts (Code 355-400)

This minor examines issues in the Middle East from a variety of disciplinary perspectives and includes study of a Middle East language.

Required Courses: Flg 101 and 102 Beginning Foreign Language I and II, 8 crs (must be in Arabic, Turkish, Persian, or Modern Hebrew)

Elective Courses: At least 16 credits from the list below with a minimum of two courses from the Background category and a minimum of three courses from the Middle East category. Students can take no more than three courses with a single prefix, and a minimum of nine credits at the 300- or 400-level.

The Background

- Rels 100 Introduction to World Religions
- Rels 307 Judaism
- Rels 309 Islam
- Hist 292 Origins of Current World Conflicts
- Hist 302 Ancient Near Eastern Civilizations
- Pols 334 International Political Economy

The Middle East

- Geog 319 Geography of the Middle East and North Africa
- Pols 321 Politics of the Middle East
- Pols 336 Arab-Israeli Conflict
- Hist 366 The Middle East Since Muhammad
- Hist/Wmns 385 The History of Middle Eastern Muslim Women

NOTE 1: Engl 330 Topics in World/Postcolonial Literature may be substituted for any course in The Middle East category if the topic is Middle Eastern.

NOTE 2: Students are encouraged to complete a study abroad program in a Middle Eastern country and will be able to transfer credits from that program into the minor.

NOTE 3: Students may substitute an independent study, special topics, or directed studies course with a focus on the Middle East for a course from either category with consent of the minor adviser.

For advising, see Professor S. Fink (HHH-616) Philosophy and Religious Studies.

CERTIFICATE PROGRAM

The **Certificate in Middle East Studies** is designed for students who have a strong interest in Middle East Studies but are not able to complete the requirements for a minor in Middle East Studies.

Students are required to take a minimum of 12 credits from at least three prefixes selected from the following list:

- Rels 307 Judaism
- Rels 309 Islam
- Geog 319 Geography of the Middle East and North Africa
- Pols 321 Politics of the Middle East and North Africa
- Pols 336 Arab-Israeli Conflict
- Hist 366 The Middle East Since Muhammad
- Hist/Wmns 385 The History of Middle Eastern Muslim Women

NOTE: Though there are no program prerequisites for the Certificate in Middle East Studies, there may be prerequisites for some of the courses that are a part of the Certificate.

For advising, or to record completion of the certificate, see Professor S. Fink (HHH-616) Philosophy and Religious Studies.

MINOR: PRE-PROFESSIONAL HEALTH SCIENCE, Liberal Arts (Code 709-400)

This minor is designed for students preparing for post-baccalaureate health profession programs. Students in pre-dentistry, pre-optometry, pre-chiropractic, pre-pharmacy, pre-physical therapy, and other pre-professional health programs, as found in this catalog, may find this minor helpful in planning a baccalaureate degree. Because admission requirements vary widely among graduate programs, it is strongly recommended that the student consult with an adviser listed with the pre-professional program of interest. This minor may not be appropriate preparation for some graduate-level health profession programs.

Twenty-four credits are required from courses **outside** of the major department. At least eleven credits must be from courses numbered 300 or higher.

Core: Biol 110, 111; Chem 104 or 115; Chem 325, 326; Phys 212 or 232; Engl 305 or 308.

Remaining credits are to be chosen from the following courses **outside** of one's major: Biol 300, 214 and 314 (no credit for 214 unless 314 is taken, and only five credits of 214 and 314 may be counted toward the minor), 361; Chem 213, 352; Econ 280; Enph 210; Nrsg 211, 212, 213, 220, 285, 377, 389; Nrsg/Wmns 265; Idis 301; Math 114, 246; Phil 306; Psyc 230.

For advising, contact one of the pre-professional advisers listed with the pre-professional program of interest or contact the Biology Department for a referral.

MINOR: RUSSIA AND EAST EUROPEAN STUDIES, Liberal Arts (Code 331-402)

The Russia and East European Studies Minor is designed: (1) to develop a multidisciplinary understanding of the peoples and cultures of Russia and its East European neighbors; (2) to provide a broad program for students interested in international economics or international relations; and (3) to provide systematic knowledge of this important area of Europe essential to a better understanding of today's world.

Twenty-four semester credits distributed as follows:

Core Requirements (8 credits)

Russ 101 Beginning Russian

Russ 102 Beginning Russian

Electives (16 credits) No more than nine credits from History courses are applicable to the minor.

Engl 130 Introduction to World/Postcolonial Literature

Geog 308 Russia and Eastern Europe

Hist 371 History of the Modern Balkans

Hist 375 Twentieth Century Russia

Hist 379 History of Modern East Europe

Pols 322 Politics of Russia

NOTE: The course in English may apply only when the topic is Russian Literature.

Study Abroad Option: Students are encouraged to participate in the study abroad program in Latvia offered by UW-Eau Claire. Course credit gained in this program may be used to fulfill part of the Russia and East European minor.

For advising and more information about the Study Abroad Option, see Professor P. Lazda (HHH-709) History.

MINOR: SOCIAL STUDIES, Middle Childhood/Early Adolescence (Code 500-403)

The Social Studies minor is designed to give Middle Childhood/Early Adolescence majors who have a strong interest in the social sciences the opportunity to pursue a broader array of courses than is possible in meeting the General Education requirements.

Twenty-four semester credits, including:

A. Idis 285

B. Hist 114 or 115, and 124 or 125

C. Geog 111

D. Psyc 245 or Soc 321

E. Econ 201

F. Soc 101

G. Three credits chosen from the following courses: Anth 315; Anth/AIS 325; Anth/Wmns 356; Econ 268, 330; Econ/Wmns 337; Geog 301, 308, 325, 379; Hist 370, 480; Hist/AIS 240, 369; Hist/Wmns 205; Pols 122, 260, 311, 341, 342, 350; Psyc/Wmns 336; Psyc 346; Soc 310, 312, 316.

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A and leads to licensure to teach Social Studies in Middle Childhood through Early Adolescence classrooms.

For advising, see Professor J. Worley (B-290) Education Studies.

MINOR: TEACHING ENGLISH AS A FOREIGN LANGUAGE, Liberal Arts (Code 550-406)

Teaching English as a Foreign Language (TEFL) is the instruction of English to speakers of other languages (e.g., Japanese, Portuguese, Russian, or Spanish, etc.) while living outside of the United States. EFL instructors can work for private language schools, public and private elementary, middle, or high schools, and universities abroad. English is the language of instruction, but it does help if the teacher knows something of the students' native language and culture. Individuals who obtain either a TEFL minor (24 credits) or TEFL certificate (14 credits) may go abroad on their own with the Peace Corps, on a Fulbright Exchange, etc. An overseas practicum experience is required. All students wishing to pursue a TEFL minor or certificate are required to meet with an adviser and complete the program application located at: www.uwec.edu/esl/minors/TEFLProgramApplication.htm.

The **TEFL Minor Program** is in the College of Arts and Sciences in the Department of Foreign Languages. It serves students with majors outside the College of Education and Human Sciences and those who are not seeking State of Wisconsin initial certification. Majors fields are quite far-ranging because of the demand for specialized knowledge in the field of TEFL, such as History, Business, Biology, Anthropology, Geology, Nursing, Religious Studies, Law, Computer Science, or Social Work. Students minoring in TEFL also receive the TEFL certificate.

The TEFL Minor Program differs from the Teaching of English to Speakers of Other Languages (TESOL) Minor in four ways. First, the TESOL Minor and the TEFL Minor have differing methods and practicum courses. Second, the TEFL Minor allows for elective credits to prepare the individual for instruction in a specific country and in English for Specific Purposes (ESP), while the TESOL Minor has specific State requirements that prescribe only certain courses. Third, the TESOL Minor offers the State of Wisconsin add-on license in TESOL; whereas the TEFL Minor does not prepare students for ESL instruction in the United States. The TEFL Minor serves diverse majors, and does not require admission to the College of Education and Human Sciences.

Twenty-four semester credits, including:

Required courses (minimum of 20 credits):

CSD 262 Phonetics: Theory and Application

Engl 221 The English Language

Anth 315 Language in Culture and Society *or*

Anth 351 Cross-Cultural Dynamics *or*

CJ 301 Intercultural Communications

Flg 378 Second Language Acquisition

ES 409 TEFL Methods

Flg 400 Assessment of English Language Learners

ES 493 International Experience in Education *or*

Flg 375 Internship Experience

Elective Courses — minimum of four credits, unless ES 493 is taken for more than four credits or Flg 375 is taken for five or more credits. The electives listed below are some of the choices available to TEFL Minors, however, students will be allowed to choose elective courses which will benefit them in their future TEFL instruction. (See the TEFL adviser for other acceptable electives.)

Engl 201 Advanced College Writing

Psyc 260 Educational Psychology

Bcom 206 Business Writing

CJ 202 Fundamentals of Speech

ES 285 Computers in Education: Introduction

Pols 260 Introduction to Comparative Politics

Pols 265 Problems of Developing Nations

For more information, please see the TEFL website: www.uwec.edu/esl/minors.

For advising, see Professor K. M. Reynolds (HHH-374) Foreign Languages.

CERTIFICATE PROGRAM

Even though the TEFL Certificate and Minor are highly similar, the **Teaching English as a Foreign Language Certificate** program has a minimum of 14 credits, which would parallel the TEFL Minor (24 credits) in a reduced manner. This program provides only the basics for future EFL teachers. It is offered as an option for those who do not have the time to complete the TEFL Minor within their existing programs, or for non-traditional students returning to campus for this program only, so that they may be prepared for an overseas transfer, for example. Individuals debating between the Certificate and the Minor should consider the depth of learning and the time commitment, if a minor is necessary for the program of study selected, and other life choices, e.g., whether it is for one's career, or to allow a short duration of work in another country.

Required courses (minimum of 14 credits):

CSD	262	Phonetics: Theory and Practice
Engl	221	The English Language
Flg	378	Second Language Acquisition
ES	409	TEFL Methods
Flg	400	Assessment of English Language Learners
ES	493	International Experience in Education <i>or</i>
Flg	375	Internship Experience

For advising, or to record completion of the certificate, see Professor K. M. Reynolds (HHH-374) Foreign Languages.

MINOR: TEACHING OF ENGLISH TO SPEAKERS OF OTHER LANGUAGES

This minor is designed: (1) to impart the special knowledge and the competencies needed to teach English to speakers of other languages in an American public school; and (2) to develop an understanding of the cultural and social needs of students who speak other languages amid an English-speaking majority.

Twenty-five semester credits, including Anth 315; ES 405, ES 408; CSD 262; Engl 221; Flg 378, 400; and two courses from Engl 321, Engl 325, CSD 257, and Flg 365.

Middle Childhood/Early Adolescence (Code 550-409)

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A, and leads to licensure in TESOL in Middle Childhood through Early Adolescence classrooms.

Early Adolescence/Adolescence (Code 550-408)

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B, and leads to licensure in TESOL in Early Adolescence through Adolescence classrooms.

Early Childhood/Adolescence (Code 550-410)

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option C, and leads to licensure in TESOL in Early Childhood through Adolescence classrooms when combined with a major in a foreign language at the EC-A level.

NOTE 1: As a requirement for the TESOL Minor, all students must pass Engl 110 with a grade of C or above. Oral proficiency in English will be determined by an interview and/or a SPEAK Test, a test of oral proficiency for non-native speakers of English. Students not passing the oral proficiency test will be required, before retesting, to take CJ 202, Engl 140, and/or an English composition class. The student will select classes in consultation with the TESOL adviser.

NOTE 2: One year of university-level foreign language study is a prerequisite for ES 405.

For advising, see Professor I. Lee (B-284) Education Studies.

MINOR: TOPICAL MINOR, Liberal Arts (Code 610-401)

A Topical Minor is composed of 24 semester credits selected by the student to meet the student's own interests and scholarly objectives. Courses for the minor may be chosen on the basis of a coherent theme, a historical period, a definable professional need, or complementary relation to the student's major.

The Topical Minor is not intended to be used to duplicate any major or minor offered as a regular program.

The Topical Minor must include courses from at least two prefixes, with no more than 15 credits from any one prefix and no more than six credits from the student's major. Courses applied to the major cannot be applied to the minor. At least 12 of the 24 credits must be earned in courses numbered 300 or above, and at least 15 of the 24 credits must be earned in Arts and Sciences courses.

Procedures. The student must first obtain a Topical Minor form from the College office (Schofield 134) or from the College of Arts and Sciences Web site (www.uwec.edu/CAS/Students/forms.htm), plan the minor in consultation with an appropriate faculty adviser, and obtain the adviser's approval. The plan for the minor must then be submitted to the Associate Dean. The Associate Dean's approval must be obtained after the student has earned a total of 30 credits, but before the student has earned 88 credits toward a degree.

Students proposing a Topical Minor are responsible to ascertain that they are eligible to register for the courses included in their Topical Minor. They must meet, for example, all individual course prerequisites and GPA requirements or have received explicit permission from the department/program offering the course. In addition, for courses offered in one of the other colleges, college admission requirements must be met or written permission obtained from the Dean of that College before enrollment is possible.

English for Speakers of Other Languages

For a description of the course offerings available for entering students who are not native speakers of English, see the section titled English for Speakers of Other Languages under the Department of Foreign Languages.

Interdisciplinary Studies Courses

Most of the following Interdisciplinary Studies courses have been designated for the Interdisciplinary Studies subcategory in the General Education program. If designated for the General Education program, the course description specifies the General Education category to which the course applies.

Interdisciplinary courses provide students with an expanded view of subject matter from multiple fields. For each interdisciplinary course, one academic department or university program has been designated as the coordinating office for administrative purposes. Requests for registration permissions should be directed to the chair or director of the coordinating department or program identified below.

IDIS

IDIS 100 Introduction to Social Welfare Services

3 crs. • F, Wi, Sp, Su • GE-III G

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Coordinating Department: Social Work.

An introduction to social welfare institutions emphasizing values and political perspectives influencing the development of social services.

IDIS 125 Brain: Introduction to Neuroscience

4 crs. • Sp, Su • GE-IIF; LS

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

• 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.

IDIS 151 Interdisciplinary Studies in Communications

1-3 crs. • V • GE-IC • May be repeated for a maximum of 3 credits

• Coordinating Department: College of Arts and Sciences.

Exploration of topics and issues in the communications field from multiple perspectives.

IDIS 152 Interdisciplinary Studies in the Natural Sciences

1-4 crs. • V • GE-IIF • May be repeated for a maximum of 4 credits

• Coordinating Department: College of Arts and Sciences.

Exploration of topics and issues in the natural sciences from multiple perspectives.

IDIS 153 Interdisciplinary Studies in the Social Sciences

1-3 crs. • V • GE-III • *May be repeated for a maximum of 3 credits*

• Coordinating Department: College of Arts and Sciences.

Exploration of topics and issues in the social sciences from multiple perspectives.

IDIS 154 Interdisciplinary Studies in the Humanities

1-3 crs. • V • GE-IV • *May be repeated for a maximum of 3 credits*

• Coordinating Department: College of Arts and Sciences.

Exploration of topics and issues in the humanities from multiple perspectives.

IDIS 155 Interdisciplinary Studies Across General Education Categories

1-3 crs. • V • GE-V • *May be repeated for a maximum of 3 credits*

• 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.

IDIS 173 Introduction to Social Justice

3 crs. • F • CD1; GE-III

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

IDIS 174 Social Justice in the Humanities

3 crs. • Sp • GE-IV

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

IDIS 201 Overview of the U.S. Health Care System: A Policy Perspective

3 crs. • Sp • GE-III

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Coordinating Department: Management and Marketing.

A multidisciplinary course addressing issues that affect policy and delivery systems in health care. The course seeks to orient the student to the spectrum of issues and the dynamics of the U.S. health care system.

IDIS 230 Experiential Internship

1-3 crs. • F, Wi, Sp, Su • SL-Optional; *Special Course Fee Required; Field Trip(s) Required • May be repeated for a maximum of 6 credits • Department Consent Required*

• Coordinating Department: Career Services. Must have completed 24 credit hours (or in-progress), and in good academic standing.

Addresses the student's academic and professional goals through on-the-job experiences/activities related to a specific area of interest.

IDIS 260 Techniques of the Singing/Speaking Voice

2 crs. • F, Sp • W; GE-IV

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Coordinating Department: Music and Theatre Arts.

Study of voice techniques and vocal health for the singing and speaking voice.

IDIS 285 Integrating the Social Sciences: The Social Studies

3 crs. • F, Sp • P: *Limited to Broadfield Social Studies majors; Social Studies teaching minors; Social Science teaching majors/minors.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Coordinating Department: Education Studies.

This course intends to influence teachers' abilities to understand the nature of the social studies in relation to the integration of the social sciences and the humanities with the goal of influencing civic competence.

IDIS 301 Exploring Mind/Body Connections

3 crs. • Wi, Su • W; GE-III • P: *PSYC 100 or permission of instructors.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Coordinating Department: Psychology.

Examines interactions among biological, psychological, educational, life-style, 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.

IDIS 302 Race and Racism in the USA

3 crs. • V • CD3; GE-III • P: *Minimum junior standing.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Coordinating Department: English.

Weaves together cross-disciplinary knowledge by combining the views and methods of humanities and social sciences to analyze selected institutional principles that shape the constructions of race and racism in America.

IDIS 310 The Science of Science Fiction

3 crs. • V • GE-III • P: *Minimum sophomore standing.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

IDIS 325 World Health and Politics

3 crs. • V • GE-III • P: *Minimum junior standing.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Coordinating Department: Nursing.

Links health care issues and quality of life issues to political structures, perspectives, and obstacles at global level. Focuses on political refugees and problems within developing states. Utilizes case studies and group activities.

IDIS 351 Advanced Interdisciplinary Studies in Communications

1-3 crs. • V • GE-IC • *May be repeated for a maximum of 3 credits • P: 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.

IDIS 352 Advanced Interdisciplinary Studies in the Natural Sciences

1-4 crs. • V • GE-III • *May be repeated for a maximum of 4 credits • P: 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.

IDIS 353 Advanced Interdisciplinary Studies in Social Sciences

1-3 crs. • V • GE-III • *May be repeated for a maximum of 3 credits • P: 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.

IDIS 354 Advanced Interdisciplinary Studies in the Humanities

1-3 crs. • V • GE-IV • *May be repeated for a maximum of 3 credits • P: 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.

IDIS 355 Advanced Interdisciplinary Studies Across General Education Categories

1-3 crs. • V • GE-V • *May be repeated for a maximum of 3 credits*

• 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.

IDIS 360 The Workforce in Music, Literature, and Art

3 crs. • V • GE-IV; BPS Flat Rate Tuition • A-F Grades Only • P: *Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies degree.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Coordinating Department: Music and Theatre Arts.

Students will examine the ways that different professions and professional communities are represented in art, literature, and music. Topics include urban/rural work, employer/employee relations, and race/class/gender/sexuality in the workplace.

IDIS 370 Science and Society

3 crs. • V • GE-III • A-F Grades Only • P: *Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies degree.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

IDIS 410 Fine Arts Administration Seminar

3 crs. • F • CP • A-F Grades Only • P: *Twelve credits of adviser-approved electives in Fine Arts Administration certificate program. Minimum grade of C+ required in all adviser-approved electives. • Instructor Consent Required*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Coordinating Department: Music and Theatre Arts. Limited to students enrolled in the Fine Arts Administration certificate program or by permission of the instructors.

An overview of the field of arts administration offering a practical approach examining literature, resources, programs, organizations, and individuals. The course provides a capstone experience, bringing together elements of program management learned in related courses.

Humanities Courses

The following courses have been developed to provide an enriched understanding and appreciation of human creativity and expression. Emphasizing integrated study of the arts, ideas, and literature in historical context, these courses serve as an introduction to the Humanities and as a foundation for further study.

For each Humanities course, one academic department has been designated as the coordinating office for administrative purposes. Requests for registration permissions should be directed to the chair of the respective department identified below.

HUMS

HUMS 101 Arts and Ideas in Early Modern Times

3 crs. • V • GE-IVE

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

• Coordinating Department: Art & Design

An interdisciplinary course interrelating human activity in history, philosophy, the visual arts, and music during the 16th through to late eighteenth century.

HUMS 102 An Interconnected World: Views from the Humanities

3 crs. • V • GE-IVE

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Coordinating Department: English

This team-taught course draws on history, literature, drama, philosophy, art, and music in order to examine selected issues or problems which have faced humankind around the world during the past two centuries.

HUMS 103 Important Works: Conflicting Perceptions and Change Since 1960

3 crs. • V • GE-IVE

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Coordinating Department: Philosophy and Religious Studies

A cross-disciplinary introduction to important contemporary works on art, cultural diversity issues, gender issues, history, mathematics, political science, philosophy and religious studies, dealing with conflicting perceptions and resulting change since 1960.

HUMS 110 Hmong Civilization and Culture

3 crs. • V • CD3; GE-IVE

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Coordinating Department: Foreign Languages

An interdisciplinary look at Hmong civilization and culture. Faculty and staff from several disciplines will present various aspects of the Hmong, including history, social and political organization, philosophy and religion, health, music, language, etc.

HUMS 120 World Cultures I

3 crs. • V • GE-IVE • P: Not available for juniors or seniors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Coordinating Department: English

An interdisciplinary course introducing four cultures from Africa, the Americas, Asia, and Europe focusing on such themes as land, space and time, individual and community, gender roles, traditions, power, and authority.

HUMS 210 Voices of Color in America

3 crs. • V • CD3; GE-IVE

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

HUMS 301 Responses to Colonialism

3 crs. • V • GE-IVE • P: Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

General Courses

The developmental courses described below are designed to provide academic support for students. Some courses require co-enrollment with selected entry-level courses. Students considering these elective courses should consult with their academic adviser. Permission for enrollment in these courses is required.

GEN

GEN 100 Introduction to University Curriculum

1-3 crs. • F, Sp • Special Course Fee Required • May be repeated for a maximum of 3 credits • No S/U Grade Option • 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.

GEN 101 Learning Strategies for Science

2 crs. • F, Sp • Department Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• No credit toward any major or minor. Elective credit only.

Designed to improve student academic performance in introductory science courses. Learning techniques and strategies necessary for success in science courses—scientific problem-solving, text and lecture note taking, examination preparation, laboratory and test-taking strategies, and overcoming test anxiety.

GEN 102 College Learning Strategies

2 crs. • F, Sp • Department Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• 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. • F, Sp • Department Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• No credit toward any major or minor. Elective credit only. Eligibility for ENGL 110 when taken concurrently with ENGL 140.

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.

GEN 110 Strategies for Academic Success

1 cr. • F, Sp • May be repeated for a maximum of 2 credits • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

• 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.

GEN 201 Student Success Seminar

1 cr. • F, Sp • Department Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

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.

GEN 250 Academic and Career Exploration

1 cr. • F, Sp • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

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.

GEN 260 Graduate School Exploration

1 cr. • F, Sp • Field Trip(s) Required • A-F Grades Only • P: Minimum sophomore standing. For Student Support Services participants only. • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

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.

International Studies

Courses offered under the prefixes Ints, Inta, and Intx are designed to support study abroad experiences. The University encourages students of all academic interests to study for a semester or year abroad because it recognizes that students should have an international component in their education in order to be prepared for the future. Further information about these courses and the international programs they support is available from the Center for International Education, Schofield 3.

International Studies Courses

INTS

INTS 145 Study Abroad Cultural Orientation

1 cr. • F, Sp • FC; *Special Course Fee Required* • S/U Only Grade Basis • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

• Must be accepted to study abroad via a UW-Eau Claire program. Approval required-CIE, Schofield 3.

This course will provide students with tools to understand the cross-cultural issues they will face abroad. Students will engage in activities geared towards increasing their cultural awareness, cross-cultural sensitivity, and adaptability to a new culture.

INTS 170 British Life and Civilization

3 crs. • F, Sp • FC; GE-IVE

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Offered only in England, required of undergraduates enrolled in the Harlaxton College Study Abroad Program.

An interdisciplinary orientation to the physical environment, culture, and contemporary political, economic, and social aspects of British life.

INTS 180 Chinese Culture and Civilization I

3 crs. • F • FC; GE-IVE

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A general orientation in the culture and civilization of China through presentations on chronology, characters, languages, and selected subjects on literature and art history, ancient science and technology, religion, philosophy, and tradition.

INTS 181 Chinese Culture and Civilization II

3 crs. • Sp • FC; GE-IVE

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Continuation of Chinese Culture and Civilization I (INTS 180). A general orientation in the culture and civilization of China through presentations on chronology, characters, languages, and selected subjects on literature and art history, ancient science and technology, religion, philosophy, and tradition.

INTS 370 British Life and Civilization II

3 crs. • F, Sp • FC; GE-IVE; *Field Trip(s) Required* • P: *Must be taken with INTA 360.*

Lecture/Discussion Hours: 6 | Lab/Studio Hours: 0

• Offered only at Harlaxton College in England. Required for all Harlaxton study abroad participants.

Interdisciplinary introduction to the broad cultural and historical developments within British society from the earliest times to the present.

INTS 381 Contemporary China

4 crs. • F • FC; GE-IVE • P: CHIN 101, 102; INTS 180, 181

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

• Restricted to students participating in the exchange program at Jinan University, Guangzhou, The People's Republic of China.

The study of life in present-day China through an exchange at Jinan University in Guangzhou. Includes formal classes, individual and group projects, field trips, cultural events, and other experiences.

INTS 395/595 Directed Studies

1-3 crs. • FC • *May be repeated* • Department Consent Required

• The student must have successfully completed at least one course that directly relates to the subject chosen for the directed study. Approval required-CIE, Schofield 3.

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.

INTS 399 Independent Study - Juniors

1-3 crs. • F, Sp, Su • FC • *May be repeated* • Department Consent Required

INTS 498/698 International Education Internship

1-6 crs. • F, Sp, Su • SL-Optional; IN • *May be repeated for a maximum of 12 credits*

• No Auditors • P: *Minimum junior standing.* • Department Consent Required

• Student must apply for internship, interview, and be offered a position. Approval required-CIE, Schofield 3.

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.

INTS 499 Independent Study - Seniors

1-3 crs. • F, Sp, Su • FC • *May be repeated* • Department Consent Required

Study Abroad Programs

UW-Eau Claire currently offers study abroad programs in nearly 50 countries. All students are encouraged to pursue an international experience as part of their education. To facilitate this, UW-Eau Claire is committed to developing sound academic programs with a wide range of costs, thus making participation possible for students at all economic levels. Information on all programs is available in the Center for International Education, Schofield 3.

INTA

INTA 303 Study Abroad USAC University of Pau, France

12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: FREN 201. *Minimum resident GPA of 2.50. Minimum sophomore standing.* • Department Consent Required

• Individual courses may apply toward GE, if appropriate. Students can attend for the full academic year or for the Spring semester.

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.

INTA 306 Educators Abroad Student Teaching

1-8 crs. • F, Sp • *Special Course Fee Required* • S/U Only Grade Basis • P: *Limited to teaching majors admitted to College of Education and Human Sciences. Minimum resident GPA of 3.00.* • Department Consent Required

• Individual courses may apply toward GE, if appropriate. Six credits of the Foreign Language/Foreign Culture requirement waived upon program completion. Must pass Praxis exam.

This program gives students the opportunity to student teach abroad in over 40 countries. Historically, Global Student Teaching (GST) has placed the most students in Australia, New Zealand, England, Ireland, Spain, Cameroon, Czech Republic, and Costa Rica. Advising will be through the UW-Eau Claire Field Placement Coordinator, with supervision by local cooperating teachers. Housing for each site varies and can include homestays or apartments.

INTA 307 Study Abroad-San Isidro, Costa Rica

12-18 crs. • Sp • FC; *Special Course Fee Required* • A-F Grades Only • P: *Minimum resident GPA of 2.3. Minimum sophomore standing.* • Department Consent Required

• Individual courses may apply toward GE, if appropriate.

A spring Latin American Studies program for beginning/intermediate Spanish-language students. A two-week community service project is part of the program and meets the UW-Eau Claire Service-Learning requirement. Students live with Costa Rican families.

INTA 308 Study Abroad-Chiang Mai, Thailand

6 crs. • Su • *Special Course Fee Required* • A-F Grades Only • P: *Minimum resident GPA of 2.50. Minimum sophomore standing.* • Department Consent Required

• Individual courses may apply toward GE, if appropriate. Three credits of the Foreign Language/Foreign Culture requirement waived upon program completion.

A six-week summer program focusing on Thai culture and society. Students choose from electives in a variety of subjects. Program includes classroom work at Payap University and academic field trips. Students live in university housing.

INTA 314 Study Abroad-Costa Rica/Nicaragua

12-18 crs. • F • FC; *Special Course Fee Required; Field Trip(s) Required* • A-F Grades Only • P: *Minimum resident GPA of 2.30. Minimum sophomore standing.* • Department Consent Required

• Individual courses may apply toward GE, if appropriate.

In this unique Latin American studies program, students experience both Costa Rica and Nicaragua. Students will take four courses total: one to two Spanish classes (beginning to advanced), and one to two Latin American Studies courses in English. Excursions and a two-week service-learning project are included in the program. Students live with host families.

INTA 316 Central European Travel Seminar

3 crs. • Su • *Special Course Fee Required* • A-F Grades Only • P: *Minimum resident GPA of 2.30. Minimum sophomore standing.* • Department Consent Required

• Individual courses may apply toward GE, if appropriate. Three credits of the Foreign Language/Foreign Culture requirement waived upon program completion.

The Central European Travel Seminar offers an academic introduction to the culture, art, politics, and history of Germany, the Czech Republic, Austria, Hungary, and Poland. Led by UW-Eau Claire faculty members, the tour includes visits to Berlin, Dresden, Prague, Vienna, Budapest, Krakow, and Auschwitz. Students stay in youth hostels and hotels.

INTA 318 Study Abroad-Limerick, Ireland

12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: *Minimum resident GPA of 3.00. Minimum sophomore standing.* • Department Consent Required

• Individual courses may apply toward GE, if appropriate.

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.

INTA 321 ISEP - Thammasat University, Thailand

12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 2.75. Minimum sophomore standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate.

The Office of International Affairs at Thammasat University in Bangkok offers a Thai Studies Program providing an integrated and interdisciplinary program for students. A wide range of courses on historical and present-day Thailand and its culture are available. Trips to artistic, ethnological, historical, political, and religious sites are included with the Thai Studies Program. Some other departments offer classes available in English as well. Students live in residence halls.

INTA 322 ISEP-Uruguay, Universidad Catolica del Uruguay

12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 2.75. Minimum sophomore standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate.

Students attending the Universidad Católica del Uruguay can enroll in regular university courses or in a special program for international students. The special program for foreign students has three courses: Uruguayan and Latin American History, Uruguayan Literature, and Spanish language. Students live with host families.

INTA 329 Study Abroad-Health Care in Costa Rica

6-9 crs. • Su • *Special Course Fee Required* • A-F Grades Only • P: Minimum resident GPA of 2.30. Minimum sophomore standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate. Six credits of the Foreign Language/Foreign Culture requirement waived upon program completion. No previous Spanish required.

This program is of special interest to students in nursing, allied health, and other majors with interest or concentration in health care. Students take a five-credit Medical Spanish course, along with a three-credit course comparing the socialized health care system of Costa Rica with the managed care system of the United States.

INTA 339 University of Winchester, England

12-18 crs. • Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 3.00. Minimum sophomore standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate.

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.

INTA 348 Study Abroad-Murdoch University-Perth, Australia

12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 2.75. Minimum sophomore standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate.

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 residence halls. Students may choose to look for their own apartments.

INTA 350 Southern Cross University-Lismore, Australia

12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 2.75. Minimum sophomore standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate.

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 residence halls. Students may choose to look for their own apartments.

INTA 353 Payap University, Chiang Mai, Thailand

12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 2.80. Minimum sophomore standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate.

Study abroad for one semester or the academic year at Payap University in Chiang Mai, Thailand. Courses taught in English include anthropology/sociology, religion, history, and fine arts. Students live in university housing.

INTA 356 ISEP - University of Ghana, Ghana

12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 3.00. Minimum sophomore standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate.

Students attending the University of Ghana can enroll in regular university courses. Departments offered include African dance, drama and drumming, African studies, agriculture, arts, business, geography/resource development, history, science and social science. Students will live in university residence halls.

INTA 358 ISEP-Czech Republic, Masaryk University

12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 2.80. Minimum junior standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate.

Students attending Masaryk University can enroll in the Central European Studies program either fall or spring semester, or the TESOL program in spring semester only. Courses are taught in English. Students will live in university residence halls.

INTA 359 Nagasaki University of Foreign Studies - Nagasaki, Japan

12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 2.80. Minimum sophomore standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate.

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.

INTA 360 Study Abroad-Harlaxton College, England

12-18 crs. • F, Sp • FC; *Special Course Fee Required* • A-F Grades Only • P: Minimum resident GPA of 2.30. Minimum sophomore standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate.

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 370, British Life and Civilization, is required. Students and faculty live in the Harlaxton Manor or Carriage House.

INTA 363 American College Thessaloniki (ACT), Thessaloniki, Greece

12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 2.80. Minimum sophomore standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate.

Students can study for one semester or the academic year at American College Thessaloniki (ACT) in Greece. Students take courses in business and economics, as well as humanities courses at ACT. Courses are taught in English. Students live in residence halls near the campus.

INTA 364 ISEP - American University of Bulgaria

12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 3.00. Minimum sophomore standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate.

Students attending American University in Bulgaria can enroll in any class for which they have the prerequisite. All classes are taught in English. Students will live in university residence halls.

INTA 368 University of Aberdeen, Aberdeen, Scotland

12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 2.80. Minimum sophomore standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate.

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.

INTA 369 University of Glasgow, Glasgow, Scotland

12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 2.80. Minimum sophomore standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate.

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.

INTA 380 Study Abroad-Valladolid, Spain

12-18 crs. • F, Sp • FC; *Special Course Fee Required* • A-F Grades Only • P: SPAN 301. Minimum resident GPA of 2.80. Minimum sophomore standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate.

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.

INTA 386 Study Abroad-Riga, Latvia

12-18 crs. • F • FC; *Special Course Fee Required* • A-F Grades Only • P: Minimum resident GPA of 2.80. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate.

This Baltic/East European Studies program is offered through the University of Latvia. Students will enroll as visiting international students at the University of Latvia and may enroll in a variety of courses taught in English in the Baltic Study program or other university departments. Russian and Latvian language courses are also available. Students live in residence halls.

INTA 399 University of Stirling, Stirling, Scotland

12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 2.80. Minimum sophomore standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate.

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.

INTA 402 University of Stirling, Stirling, Scotland

9 crs. • Su • *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 2.80. Minimum sophomore standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate. Three credits of the Foreign Language/Foreign Culture requirement waived upon program completion.

An eight-week, summer study abroad program at the University of Stirling in Scotland. Students take three classes for a total of nine credits. Students live in university residence halls.

INTA 405 ISEP-Chile, Pontificia Universidad Catolica de Valparaiso

12-18 crs. • F, Sp • FC; *Special Course Fee Required* • A-F Grades Only • P: Minimum resident GPA of 2.75. Minimum junior standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate.

Students attending the Pontificia Universidad Catolica de Valparaiso can take some Spanish language courses, along with regular university offerings. Students will live with host families.

INTA 406 ISEP-New Zealand, Massey University

12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 2.75. Minimum sophomore standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate.

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.

INTA 409 Faculty-Led Short-Term Programs

1-9 crs. • Su • *Special Course Fee Required*; *Special Course Fee Varies by Section* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 2.30. Minimum sophomore standing. • *Department Consent Required*

Faculty members can propose different six-week programs for summer session. Exact information on what programs will be offered will be published by the Center for International Education.

INTA 410 ISEP-Spain, Universidad de Murcia

12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 2.75. Minimum sophomore standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate.

Students attending the Universidad de Murcia can enroll in regular university courses or in a special program for international students. Students will live in shared apartments with other students.

INTA 411 University of Stellenbosch, South Africa

6-7 crs. • Su • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 2.80. Minimum junior standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate. Three credits of the Foreign Language/Foreign Culture requirement waived upon program completion.

A four-week summer program at the University of Stellenbosch focusing on African Studies. Students take one course in South African political history and choose two elective courses. Students live in university residence halls.

INTA 412 ISEP-South Africa, University of Stellenbosch

12-18 crs. • F, Sp • FC; *Special Course Fee Required* • A-F Grades Only • P: Minimum resident GPA of 2.80. Minimum sophomore standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate.

Stellenbosch is a bilingual university—Afrikaans and English. Courses may be taught in either language. Students can enroll in regular university and International Programs taught in English. Students live in university residence halls.

INTA 413 ISEP-Italy, Universita Cattolica del Sacro Cuore di Milano

12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 2.75. Minimum sophomore standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate.

Students attending Universita Cattolica del Sacro Cuore di Milano can enroll in the English Assisted Study Abroad program either fall or spring semester. Students will live in off-campus housing.

INTA 415 Marburg, Germany

12-18 crs. • Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: GERM 201. Minimum resident GPA of 2.50. Minimum sophomore standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate. Foreign Language/Foreign Culture requirement waived upon program completion.

This spring program at Studienkolleg Mittelhessen, University of Marburg, Germany, immerses students in German language and culture. Regional excursions are included. Students live in residence halls.

INTA 417 ISEP-Botswana, University of Botswana

12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 2.75. Minimum sophomore standing. • *Department Consent Required*

• Individual courses may apply toward GE, if appropriate. Fulfills full 12 credits requirement for foreign culture if in good academic standing.

Students attending the University of Botswana can enroll in regular university courses. Courses offered include African studies, environmental studies, humanities, social science, business, science and engineering. Students will live in university residence halls.

INTA 418 Globalization in China

3 crs. • Su • *Special Course Fee Required*; *Field Trip(s) Required* • A-F Grades Only • P: Minimum resident GPA of 2.3. Minimum sophomore standing. • *Department Consent Required*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Approval required-CIE, Schofield 3. This program is associated with BSAD 191 Special Topics, and this course will carry the three credits of the Foreign Language/Foreign Culture requirement, which will be waived upon completion of both the course and the program. The program itself does not carry the three credits of Foreign Language/Foreign Culture requirement.

Learn first-hand about China's role in the world economy. This program, hosted by Jinan University in Zhuhai, covers topics related to history, politics, culture, economy and business in China. A cultural tour of Hong Kong is included.

INTA 419/619 Globalization in India

3 crs. • Wi • *Special Course Fee Required*; *Field Trip(s) Required* • A-F Grades Only • P: Minimum sophomore standing. Minimum resident GPA of 2.30. • *Department Consent Required*

• Approval required-CIE, Schofield 3.

Learn first-hand about India's role in the world economy. This program, hosted by Delhi University, covers topics related to history, politics, culture, economy and business in India. Visits to cultural sites are included.

INTA 420 ISEP - India, University of Hyderabad

5-6 crs. • Su • FC; *Special Course Fee Required* • A-F Grades Only • P: Minimum resident GPA of 3.0. Minimum sophomore standing.

• Individual courses may apply toward GE, if appropriate.

During this six-week summer term, the University of Hyderabad Study in India Program (SIP) emphasizes heritage, continuity, and change in India. Study tours to nearby areas of historical and cultural interest are part of this interdisciplinary program.

INTA 421 Costa Rica Language and Culture

6 crs. • Su • FC; *Special Course Fee Required*; *Field Trip(s) Required* • A-F Grades Only • P: SPAN 202. Minimum resident GPA of 2.3. Minimum sophomore standing.

• Individual courses may apply toward GE, if appropriate. Six credits of the Foreign Language/Foreign Culture requirement waived upon program completion.

During this six-week Spanish language summer program, students will take two courses focusing on Spanish language and Latin American culture. Students have the opportunity to volunteer in the community. Housing is with host families.

INTA 422 University of Virginia, Semester at Sea 4-5 Credits

4-5 crs. • Su • *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 2.75. Minimum sophomore standing. • *Department Consent Required*

• Approval required-CIE, Schofield 3. Individual courses may apply toward GE, if appropriate.

Semester at Sea Short-Term Summer Voyage is a multi-country program where students visit seven destinations. Students take a core global studies course and choose one elective from various disciplines. Students live on the ship and have a required faculty field practice. This is a four-week program.

INTA 423 University of Virginia, Semester at Sea 9 Credits

9 crs. • Su • *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 2.75. Minimum sophomore standing. • *Department Consent Required*

• Approval required-CIE, Schofield 3. Individual courses may apply toward GE, if appropriate.

Semester at Sea Summer Voyage is a multi-country program where students visit seven destinations. Students take a core global studies course and choose electives from various disciplines. Students live on a ship and have required faculty field practice.

INTA 424 University of Virginia, Semester at Sea 12 to 15 credits
12-15 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 2.75. Minimum sophomore standing. • *Department Consent Required*
• Approval required-CIE, Schofield 3. Individual courses may apply toward GE, if appropriate. Foreign culture credit waived upon completion of the program.
Semester at Sea Semester Voyage is a multi-country program where students visit 10 to 12 destinations. Students take a core global studies course and choose electives from various disciplines. Students live on ship and have required faulty field practica.

INTA 425 ISEP-China, Sichuan University
12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated for a maximum of 99 credits* • A-F Grades Only • P: Minimum resident and total GPA of 2.75. Minimum sophomore standing. • *Department Consent Required*
• Individual courses may apply toward GE, if appropriate. Permission to enroll in this program required by the Center for International Education at UW-Eau Claire. Foreign culture credit waived upon completion of this program.
Students attending Sichuan University in Chengdu, China will enroll in required Chinese courses (intensive or non-intensive) and take elective credits in Chinese history, culture, business, among others. Students will live in the international residence hall.

Exchange Programs

INTX

INTX 312 University of Graz, Austria
12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: GERM 202. Minimum resident GPA of 3.00. Minimum sophomore standing. • *Department Consent Required*
• Individual courses may apply toward GE, if appropriate.
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 \$2,000 scholarships are available to accepted students.

INTX 332 Ajou University, Korea
12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 2.80. Minimum sophomore standing. • *Department Consent Required*
• Individual courses may apply toward GE, if appropriate.
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.

INTX 335 Kansai Gaidai University of Foreign Studies-Hirakata City, Japan
12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 3.00. Minimum sophomore standing. • *Department Consent Required*
• Individual courses may apply toward GE, if appropriate.
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.

INTX 337 University of Winchester, England
12-18 crs. • F • FC; *Special Course Fee Required* • A-F Grades Only • P: Minimum resident GPA of 3.00. Minimum sophomore standing. • *Department Consent Required*
• Individual courses may apply toward GE, if appropriate.
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.

INTX 344 Ajou University, South Korea
7 crs. • Su • *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum Resident GPA of 2.30. Minimum sophomore standing. • *Department Consent Required*
• Individual courses may apply toward GE, if appropriate. Three credits of the Foreign Language/Foreign Culture requirement waived upon program completion.
Students attend courses scheduled at Ajou University's International Summer School. Courses are typically offered in business and economics, Korean language, and social sciences. Students live in university residence halls.

INTX 349 University of Limerick, Ireland
12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 3.0. Minimum sophomore standing. • *Department Consent Required*
• Individual courses may apply toward GE, if appropriate.
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.

INTX 351 Southern Cross University-Lismore, Australia
12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 2.75. Minimum sophomore standing. • *Department Consent Required*
• Individual courses may apply toward GE, if appropriate.
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 residence halls or may choose to look for their own apartments.

INTX 354 Payap University, Chiang Mai, Thailand
12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: Minimum resident GPA of 2.80. Minimum sophomore standing. • *Department Consent Required*
• Individual courses may apply toward GE, if appropriate.
Direct exchange for one semester or the academic year at Payap University in Chiang Mai, Thailand. Courses taught in English include anthropology/sociology, religion, history, and fine arts. Students live in university housing.

INTX 361 Linnaeus University, Vaxjo Campus-Sweden
12-19 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • No S/U Grade Option • P: Minimum resident GPA of 3.00. Minimum sophomore standing. • *Department Consent Required*
• Individual courses may apply toward GE, if appropriate.
An exchange program for one semester or academic year with Linnaeus University, Vaxjo Campus. 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.

INTX 371 FHS-Darmstadt
12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: GERM 202. Minimum resident GPA of 3.00. Minimum sophomore standing. • *Department Consent Required*
• Individual courses may apply toward GE, if appropriate.
A one semester or academic year program through the Hessen-Wisconsin exchange. Students may choose from all classes for which they have appropriate prerequisites and live in university residence halls.

INTX 372 FHS-Frankfurt
12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: GERM 202. Minimum resident GPA of 3.00. Minimum sophomore standing. • *Department Consent Required*
• Individual courses may apply toward GE, if appropriate.
A one semester or academic year program through the Hessen-Wisconsin exchange. Students may choose from all classes for which they have appropriate prerequisites and live in university residence halls.

INTX 373 FHS-Fulda
12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: GERM 202. Minimum resident GPA of 3.00. Minimum sophomore standing. • *Department Consent Required*
• Individual courses may apply toward GE, if appropriate.
A one semester or academic year program through the Hessen-Wisconsin exchange. Students may choose from all classes for which they have appropriate prerequisites and live in university residence halls.

INTX 374 FHS-Giessen-Friedberg
12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: GERM 202. Minimum resident GPA of 3.00. Minimum sophomore standing. • *Department Consent Required*
• Individual courses may apply toward GE, if appropriate.
A one semester or academic year program through the Hessen-Wisconsin exchange. Students may choose from all classes for which they have appropriate prerequisites and live in university residence halls.

INTX 376 FHS-Wiesbaden
12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: GERM 202. Minimum resident GPA of 3.00. Minimum sophomore standing. • *Department Consent Required*
• Individual courses may apply toward GE, if appropriate.
A one semester or academic year program through the Hessen-Wisconsin exchange. Students may choose from all classes for which they have appropriate prerequisites and live in university residence halls.

INTX 377 TU-Darmstadt
12-18 crs. • F, Sp • FC; *Special Course Fee Required* • *May be repeated* • A-F Grades Only • P: GERM 202. Minimum resident GPA of 3.00. Minimum sophomore standing. • *Department Consent Required*
• Individual courses may apply toward GE, if appropriate.
A one semester or academic year program through the Hessen-Wisconsin exchange. Students may choose from all classes for which they have appropriate prerequisites and live in university residence halls.

INTX 378 Universitat-Frankfurt

12-18 crs. • F, Sp • FC; Special Course Fee Required • May be repeated • A-F Grades Only • P: GERM 202. Minimum resident GPA of 3.00. Minimum sophomore standing. • Department Consent Required

• Individual courses may apply toward GE, if appropriate.

A one semester or academic year program through the Hessen-Wisconsin exchange. Students may choose from all classes for which they have appropriate prerequisites and live in university residence halls.

INTX 379 Universitat-Giessen

12-18 crs. • F, Sp • FC; Special Course Fee Required • May be repeated • A-F Grades Only • P: GERM 202. Minimum resident GPA of 3.00. Minimum sophomore standing. • Department Consent Required

• Individual courses may apply toward GE, if appropriate.

A one semester or academic year program through the Hessen-Wisconsin exchange. Students may choose from all classes for which they have appropriate prerequisites and live in university residence halls.

INTX 381 University of Aberdeen, Aberdeen, Scotland

12-18 crs. • F, Sp • FC; Special Course Fee Required • May be repeated • A-F Grades Only • P: Minimum resident GPA of 2.80. Minimum sophomore standing. • Department Consent Required

• Individual courses may apply toward GE, if appropriate.

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.

INTX 382 Universitat-Kassel

12-18 crs. • F, Sp • FC; Special Course Fee Required • May be repeated • A-F Grades Only • P: GERM 202. Minimum resident GPA of 3.00. Minimum sophomore standing. • Department Consent Required

• Individual courses may apply toward GE, if appropriate.

A one semester or academic year program through the Hessen-Wisconsin exchange. Students may choose from all classes for which they have appropriate prerequisites and live in university residence halls.

INTX 384 Universitat-Marburg

12-18 crs. • F, Sp • FC; Special Course Fee Required • May be repeated • A-F Grades Only • P: GERM 202. Minimum resident GPA of 3.00. Minimum sophomore standing. • Department Consent Required

• Individual courses may apply toward GE, if appropriate.

A one semester or academic year program through the Hessen-Wisconsin exchange. Students may choose from all classes for which they have appropriate prerequisites and live in university residence halls.

INTX 389 Universitat-Frankfurt

6 crs. • Su • Special Course Fee Required • May be repeated • A-F Grades Only • P: Minimum resident GPA of 2.50. Minimum sophomore standing. • Department Consent Required

• Individual courses may apply toward GE, if appropriate. Six credits of the Foreign Language/Foreign Culture requirement waived upon program completion.

Four-week summer program with courses relevant to the European Union taught in English or German. Students also take a German language course at the appropriate level. Students live in residence halls.

INTX 390 Universitat-Giessen

6 crs. • Su • Special Course Fee Required • May be repeated • A-F Grades Only • P: Minimum resident GPA of 2.50. Minimum sophomore standing. • Department Consent Required

• Individual courses may apply toward GE, if appropriate. Six credits of the Foreign Language/Foreign Culture requirement waived upon program completion.

Four-week summer program with courses relevant to the European Union taught in English or German. Students also take a German language course at the appropriate level. Students live in residence halls.

INTX 391 Universitat-Kassel

6 crs. • Su • Special Course Fee Required • May be repeated • A-F Grades Only • P: Minimum resident GPA of 2.50. Minimum sophomore standing. • Department Consent Required

• Individual courses may apply toward GE, if appropriate. Six credits of the Foreign Language/Foreign Culture requirement waived upon program completion.

Four-week summer program with courses relevant to the European Union taught in English or German. Students also take a German language course at the appropriate level. Students live with host families.

INTX 394 Universitat-Marburg

6 crs. • Su • Special Course Fee Required • May be repeated • A-F Grades Only • P: Minimum resident GPA of 2.50. Minimum sophomore standing. • Department Consent Required

• Individual courses may apply toward GE, if appropriate. Six credits of the Foreign Language/Foreign Culture requirement waived upon program completion.

Four-week summer program with courses relevant to the European Union taught in English or German. Students also take a German language course at the appropriate level. Students live in residence halls.

INTX 395 University of Glasgow, Glasgow, Scotland

12-18 crs. • F, Sp • FC; Special Course Fee Required • May be repeated • A-F Grades Only • P: Minimum resident GPA of 2.80. Minimum sophomore standing. • Department Consent Required

• Individual courses may apply toward GE, if appropriate.

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.

INTX 397 FHS-Fulda

6 crs. • Su • Special Course Fee Required • May be repeated • A-F Grades Only • P: Minimum resident GPA of 2.50. Minimum sophomore standing. • Department Consent Required

• Individual courses may apply toward GE, if appropriate. Six credits of the Foreign Language/Foreign Culture requirement waived upon program completion.

Four-week summer program with courses relevant to the European Union taught in English or German. Students also take a German language course at the appropriate level. Students live in residence halls, and there are limited host families available.

INTX 398 University of Stirling, Stirling, Scotland

12-18 crs. • FC; Special Course Fee Required • May be repeated • A-F Grades Only • P: Minimum resident GPA of 2.80. Minimum sophomore standing. • Department Consent Required

• Individual courses may apply toward GE, if appropriate.

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.

INTX 414 Atlantis—TV Braunschweig/MC Innsbruck

9-18 crs. • Sp, Su • FC; Special Course Fee Required; Field Trip(s) Required • A-F Grades Only • P: Equivalent of one semester German. Minimum junior standing. • Department Consent Required

• Individual courses may apply toward GE, if appropriate. The Foreign Language/Foreign Culture requirement waived upon program completion.

Students will take business and communication courses at the Technische Universitaet-Braunschweig, Germany and the Management Center Innsbruck, Austria. They will also participate in academic field trips. Housing is in university residences.

INTX 416 University of Rotterdam

12-18 crs. • F, Sp • FC; Special Course Fee Required • May be repeated • A-F Grades Only • P: Minimum resident GPA of 2.80. Minimum sophomore standing. • Department Consent Required

• Individual courses may apply toward GE, if appropriate. The Foreign Language/Foreign Culture requirement waived upon program completion.

An exchange with the Rotterdam Business School, Rotterdam University. Students will study in English in the International Business and Management Studies Program with classmates from around the world. Housing is in university residence halls.



Art & Design

HAAS FINE ARTS 104

(715) 836-3277

<http://www.uwec.edu/art/index.htm>

CHRISTOS THEO, CHAIR

LI-YING BAO, WANRUDEE BURANAKORN, NED GANNON, GENE HOOD, SOOYUN IM, LIA JOHNSON, JYL KELLEY, JASON LANKA, JIAN LUO, SUSAN O'BRIEN, KAREN O'DAY, JILL OLM, D. SCOTT ROBERTSON, SANDRA L. STARCK.

THOMAS K. WAGENER, FOSTER GALLERY DIRECTOR

Honor Societies and Student Organizations:

Students may participate in several student organizations: Art Student Association (ASA) and the Art Education Club. NOTA, the campus art and literary magazine, welcomes students' art entries.

The Department of Art & Design embraces its responsibility as an integral component of a public liberal arts institution and of our local and regional communities. Our programs advance the university's mission and its Liberal Education learning goals. Our diverse and inclusive curriculum in the visual arts promotes a body of knowledge that serves individual needs, stimulates the eyes, and challenges the minds of all our students. To support our contemporary and comprehensive visual arts program, we endorse these requirements:

- coordinated foundations core,
- depth of knowledge and skill in an area of concentration,
- experience with art in two and three dimensions,
- exploration of a variety of media,
- knowledge of the theories and global history of art,
- participation in the national and international contemporary art world, and
- employment of imagination, creativity, and innovation.

ART & DESIGN PROGRAMS: LIBERAL ARTS

The Department of Art & Design offers two studio art degrees for liberal arts students: a 36-credit Bachelor of Arts (B.A.) or Bachelor of Science (B.S.), and a 75-credit comprehensive Bachelor of Fine Arts (B.F.A.). The department also offers a 36-credit Bachelor of Arts (B.A.) or Bachelor of Science (B.S.) in Art History.

Students enter the department's studio programs in the 36-credit B.A. or B.S. The 36-credit B.A. or B.S. in studio art is not titled in any area.

The 75-credit Bachelor of Fine Arts degree is a nationally recognized degree with high standards for excellence. It is the degree students take to prepare for graduate studies and for the most immersive studio experience. Students seeking the B.F.A. degree must apply to the program as explained below under Additional B.F.A. Requirements. The B.F.A. is offered in the following areas: ceramics, drawing & painting, graphic design, illustration, photography, printmaking, and sculpture (but not metals).

PORTFOLIO REQUIREMENT

An essential part of effective art study is the development and maintenance of a portfolio of creative work. This portfolio is required for entrance into the B.F.A. program and will be requested by course instructors as well to help advise students in their studies. A portfolio is the central tool students use to access and guide their development and eventually present themselves to the art and design world.

INFORMATION FOR ART & DESIGN STUDENTS

NOTE 1: A student may take a maximum of nine credits of advanced studio courses in one semester. Some advanced studio courses are offered on a variable credit basis and may be repeated for additional credit. The total number of advanced studio credits which may be applied to a degree program will vary and is to be determined through consultation with the major adviser.

NOTE 2: Students must be prepared to pay for any materials, supplies, equipment, and/or services deemed in excess of the amount and kind the University provides for necessary instructional purposes.

NOTE 3: Information about suggested year-by-year course sequences for each major and minor program is available in the Art & Design office, Haas Fine Arts 104.

NOTE 4: Art education students who wish to earn Teaching Licensure in Special Education-Art must complete ES 350 and seven to nine additional credits in Special Education. (See Special Education section for listing of other required courses.)

CERTIFICATE PROGRAM

Information on the **Certificate in Fine Arts Administration** is listed in its entirety in the Department of Music and Theatre Arts section of this Catalog.

ADDITIONAL INFORMATION

Art History courses are listed under the prefix ArtH immediately following Art courses and are open to all students.

Bachelor of Arts or

Bachelor of Science

MAJOR: ART, Liberal Arts

Studio Emphasis (Code 020-208)

This degree program is designed to liberally educate a student in art or design, and is not offered as a career or professional path. It presumes integration with a minor program or second major.

Thirty-six semester credits, including:

1. Foundations Courses: 12 credits: Art 107, 108, 110; ArtH 201.
2. Art History Requirement: six credits: ArtH 111 and 112.
3. Studio Sequence: nine credits. Choose one three-course sequence from one of the following studio areas:

Ceramics: Art 357, 358, 458

Drawing: Art 240, 340, 402, or 240, 341, 441

Graphic Design: Art 274, 275, 375

Painting: Art 244, 344, 349, or 247, 347, 348

Photography: Art 281; two of these 300-level courses: 381, 382, 383, or 384

Printmaking: one pair of these courses: Art 250 and 350, or 251 and 351, or 252 and 352, or 253 and 353; and 402 for the third course in the sequence

Sculpture: Art 264, 364 or 366, 405

4. Electives in any studio Art or Art History courses: nine credits.

Art History Emphasis (Code 020-209)

Thirty-six semester credits, including:

1. ArtH Core Courses: 18 credits: ArtH 111, 112, 315, 217, 319, and 201
2. Non-Western Art History Requirement: three credits: ArtH 324 or 335 or 337
3. Art History Electives: nine credits. Choose from ArtH 225, 227, 321, 327, 333, 350, or any ArtH courses not utilized above.
4. Non-ArtH area electives: three credits. Choose from AIS 102, Anth 169, Art 107, CJ 280, Engl 181, Fltr 250, Hist 280 or 304 or 306 or 308, Musi 225, Phil 325 or 328, Thea 125
5. Methodologies: three credits: ArtH 389

NOTE 1: Regarding the GE program, art history majors are encouraged to make selections from the following courses: AIS 102, Anth 169, CJ 280, Engl 181, Fltr 250, Hist 280 or 304 or 306, Musi 225, Phil 325 or 328, Thea 125.

NOTE 2: A student electing the B.S. degree with the art history major is highly encouraged to achieve foreign language competency (C or higher or a mark of S at the 102-level).

NOTE 3: Art history majors must complete at least one of the following travel experiences:

- A) UWEC-approved International Study Program;
- B) ArtH 350: the department's New York City Trip;
- C) The department trips to both Chicago and Minneapolis.

MINOR: ART HISTORY,

Liberal Arts (Code 030-401)

The Art History minor is open to all University students.

Twenty-four semester credits in Art History courses, including ArtH 111, 112, 201, and 389. ArtH 111 and 112 must be completed as the first two Art History courses. Independent Study, ArtH 399, 499, cannot exceed three credits total and can only be taken after the accumulation of 12 earned semester credits of Art History and with the written approval of an Art History faculty member.

Bachelor of Arts**COMPREHENSIVE MAJOR: ART AND DESIGN EDUCATION,**

Comprehensive Teaching (Code 020-072)

Sixty-two semester credits, including:

1. Foundations Courses: 12 credits should be completed in the first year of study, Art 107, 108, 110; ArtH 201.
2. Studio Requirement: 24 credits, including Art 241, 244, 249, 264, 281, 312, 357, and a three-dimensional art elective (3 crs) from: Art 358, 364, 365, 366, 458, or other pre-approved 3-D course.
3. Art History Requirement: nine credits, including ArtH 111, 112, and ArtH/AIS 324 or 335.
4. Electives in Studio or Art History: nine credits.
5. Art Education Requirement: Art 304, ES 350, 354

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option C and leads to licensure to teach Art in Early Childhood through Adolescence classrooms.

NOTE 1: At least 21 credits of upper-division (300-400 level) art courses must be included in the major.

NOTE 2: Internships, directed and independent studies, and special topics courses will count as elective credit.

Bachelor of Fine Arts**COMPREHENSIVE MAJOR: ART**

This degree is a specialty in studio arts and is the appropriate program for art students planning careers in Ceramics, Drawing & Painting, Graphic Design, Illustration, Photography, Printmaking, and Sculpture, as well as for art majors who are planning to attend graduate school.

Minimum seventy-five semester credits, including:

1. Department Requirements: 18 credits
Foundations Courses: 12 credits should be completed by all majors in the first year of study, Art 107, 108, 110; ArtH 201.
Art History Requirement: ArtH 111 and 112
2. Area Requirements: 21 credits
3. Area Support Options: 12 credits
4. Electives in Art or Art History: 18 credits
5. Electives in Art History: 6 credits
6. One of the areas of emphasis described below.

Ceramics (Code 020-011)

Area Requirements, 21 credits: Art 264, 357, 358, 458 (6 credits), 405 (6 credits)

Area Support Options, 12 credits: Art 249, 244, 250, 278, 281, 344, 364, 365, 402

Electives in Art/ ArtH, 18 credits

Electives in ArtH, 6 credits: ArtH 333 and 335 recommended

Drawing & Painting (Code 020-022)

Area Requirements, 21 credits: Art 240, 244, 340, 344, 349, 402 (6 credits)

Area Support Options, 12 credits: Courses need not be taken in a specified group, but these recommended groups provide a deeper support experience: Art 247, 347, 348, 241, 341; 278, 373, 249; 250, 251, 252, 253

Electives in Art/ ArtH, 18 credits: Art 281, 264, 384, 383 recommended

Electives in ArtH, 6 credits: ArtH 333 recommended

Graphic Design (Code 020-012)

Area Requirements, 21 credits: Art 274, 275, 276, 374, 375, 476, 477

Area Support Options, 12 credits: Art 241, 244, 247, 249, 264, 278, 281, 332, 342, 376, 383, 384, 474

Art History Requirement, 3 credits: ArtH 225

Electives in Art/ ArtH, 18 credits

Electives in ArtH, 3 credits

Illustration (Code 020-019)

Area Requirements, 21 credits: Art 241, 244, 332, 341, 342, 402, 443

Area Support Options, 12 credits: Courses need not be taken in a specified group, but these recommended groups provide a deeper support experience: Art 240, 340, 402; 344, 349; 247, 347, 348; 274, 275, 375; 278, 378, 478; 250, 251, 384; 281, 383, 312

Electives in Art/ ArtH, 18 credits

Electives in ArtH, 6 credits

Photography (Code 020-018)

Area Requirements, 21 credits: Art 281, 381, 382, 383 or 384, minimum of 6 credits in Art 481, and remaining 3 credits in either Art 481 or 402

Area Support Options, 12 credits: Courses need not be taken in a specified group, but these recommended groups provide a deeper support experience:

3-Dimensional Space: Art 241, 264, 278, 365, 357, 358, 378, 383

Motion/Time-Based Art: Art 241, 278, 378, 383

Book & Paper Art: Art 249, 250, 251, 253, 274, 275, 332, 342, 384

2-Dimensional Media: Art 240, 241, 244, 249, 250, 251, 253, 340, 341

Art History Requirement, 3 credits: ArtH 227

Electives in Art/ ArtH, 18 credits

Electives in ArtH, 3 credits

Printmaking (Code 020-021)

Area Requirements, 21 credits: Art 241, 250, 251, 253, 402

Choose 6 credits: Art 350, 351, or 353

Area Support Options, 12 credits: Art 240, 244, 247, 264, 281, 340, 341, 344, 347, 348, 349, 357, 365, 384

Art and Art History Electives, 18 credits

Electives in ArtH, 6 credits

Sculpture (Code 020-017)

Area Requirements, 21 credits: Art 264, 357, 405 (6 credits)

Choose 6 credits: Art 364, 365, 366

Choose 3 credits: Art 240, 241, 250, 251, 340

Area Support Options, 12 credits: Art 240, 241, 251, 278, 358, 364, 365, 366, 378, 383, 384, 402, 458, 478

Electives in Art/ ArtH, 18 credits

Electives in ArtH, 6 credits

Additional B.F.A. Requirements

1. To be in the B.F.A. program, students must have and maintain a GPA of 3.00 or higher in Art and Art History courses.
2. To enter the B.F.A. program, students must apply with a minimum of 18 Art & Design credits including Art 107, 108, 110, ArtH 201 plus two courses in studio art. The maximum number of ART credits taken (including current enrollment) prior to the B.F.A. Entrance Review is 30. Transfers, Changes of Major, and other exceptions, must see area adviser.
3. To be accepted into the B.F.A. program, students must pass the B.F.A. Entrance Review. They must participate in a Senior Exhibition.
4. Students in the B.F.A. program are required to participate in one of two department-sponsored field trip options: the New York field trip OR the Chicago and Minneapolis field trips.

NOTE 1: Guidelines for the full B.F.A. process, including the reviews, are available from the Art & Design office, HFA 104.

NOTE 2: Transfer students must check with the department and their newly-assigned advisers to determine their position within the department programs and what requirements they will need to meet if they are interested in pursuing the B.F.A. degree.

ART & DESIGN

Art Education Requirements

Students who wish to earn Comprehensive Art Teaching licensure in addition to the B.F.A. degree must complete additional credits in education, psychology, and communication as well as Art 244, 249, 357, and a three-dimensional art elective from Art 358, 364, 365, 366, 458, or a pre-approved 3D course.

ART

ART 105 Introduction to the Visual Arts

3 crs. • F, Sp • GE-IVA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• No credit toward a major or minor in art.

Lecture course developing basic awareness and appreciation of painting, sculpture, related arts, architecture, their ideas and execution. Study of the artist and the components of art.

ART 106 Introduction to the Visual Arts (Studio)

2 crs. • V • GE-IVA; Special Course Fee Required

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 4

• Not for art majors or minors.

A studio course developing awareness of art forms through studio experience in various media.

ART 107 Foundations: Drawing and Composition

3 crs. • F, Sp • Special Course Fee Required • A-F Grades Only • P: Limited to art majors and minors and pre-architecture students. Not available for juniors or seniors.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

An introduction to freehand descriptive drawing and visual composition using a variety of materials and techniques. Using drawing processes to solve problems and express ideas. Prerequisite for all studio art courses numbered 200 and above.

ART 108 Foundations: Color and Composition

3 crs. • F, Sp • Special Course Fee Required • A-F Grades Only • P: Limited to art majors and pre-architecture students. Not available for juniors or seniors.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Developing an understanding and use of color and effective visual composition in art. Prerequisite for all studio art courses 200 and above.

ART 110 Foundations: Three-Dimensional Art

3 crs. • F, Sp • Special Course Fee Required • A-F Grades Only • P: Limited to art majors and pre-architecture students. Not available for juniors or seniors.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Introduction to the materials, methods, and history of 3-D art emphasizing an understanding of 3-D concepts in sculptural materials. The course provides a foundation in making 3-D art forms.

ART 240 Drawing: Contemporary Abstraction

3 crs. • F • Special Course Fee Required • P: ART 107, 108, 110.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Drawing from topics at the intermediate level, observation, theory, media, form, and content with an emphasis on developing a personal vision.

ART 241 Life Drawing I

3 crs. • F, Sp • Special Course Fee Required • A-F Grades Only • P: ART 107. Limited to art majors and pre-architecture students.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

An introduction to technical approaches to drawing the figure and conceptual ways of visualizing the figure.

ART 244 Introduction to Painting

3 crs. • V • Special Course Fee Required • P: ART 107 and 108, or department approval.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Exploration of painting, introducing the technical and expressive nature of the painting medium in relation to subject and concept.

ART 247 Water-Media I

3 crs. • V • Special Course Fee Required; Field Trip(s) Required • P: ART 107 and 108. No credit if taken after ART 347.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Introduction to working with water-based media. Initial instruction will include watercolor and painting from observation. Later assignments will include other water-based media and involve more conceptual approaches to image making.

ART 249 Introduction to Prints

3 crs. • V • Special Course Fee Required • P: ART 107 and ART 108 or department approval.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

• Students may not elect this course if they have taken more than one print course in previous semesters.

An introductory studio course exploring a range of approaches and possibilities in four basic printmaking areas, including relief, intaglio, lithography, and serigraphy.

ART 250 Printmaking - Relief-Beginning

3 crs. • V • Special Course Fee Required • P: ART 107 and ART 108, or department approval.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Assignments present introductory experiences with linocut and woodblock print processes. Selection of wood grain, cutting tools, color ink mixing, and registration; subtractive color printing and past and contemporary printmakers are studied.

ART 251 Printmaking - Intaglio-Beginning

3 crs. • V • Special Course Fee Required • P: ART 107 and ART 108, or department approval.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

An introductory studio course in prints on paper from inked incisions of a variety of base plates.

ART 252 Printmaking - Serigraphy-Beginning

3 crs. • V • Special Course Fee Required • P: ART 107 and ART 108, or department approval.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Studio course exploring the silk screen process using a variety of stencil techniques.

ART 253 Printmaking - Lithography-Beginning

3 crs. • V • Special Course Fee Required • P: ART 107 and ART 108, or department approval.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Studio course directed toward the lithographic process, including the use of the wax crayon, tusche method, and other experimental approaches.

ART 264 Sculpture I

3 crs. • F, Sp • Special Course Fee Required • P: ART 110 and 241 or consent of instructor.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

A studio introduction which explores a variety of techniques and concepts relating to contemporary sculpture.

ART 274 Graphic Design I: Compositional Principles of Graphic Design

3 crs. • F • Special Course Fee Required • P: ART 107 or departmental approval. • Department Consent Required

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

• CS 100 is recommended prior to enrollment in this course. Web Design minors need only instructor's permission.

Lecture/studio course which establishes a base for two-dimensional design, visual perception, and the interrelationship of design communication with society. Expressions via electronic media and graphic software will be explored.

ART 275 Graphic Design II: Typography

3 crs. • Sp • Special Course Fee Required • P: ART 274 or ART 312.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Introduction to the basic principles, practices, and history of lettering and typographical letterform structures as it relates to graphic design.

ART 276 Graphic Design III: Symbolology

3 crs. • Sp • Special Course Fee Required • P: ART 274

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Studio course investigating the potential of symbolic imagery. Visual metaphors (simple to complex) and their significance to graphic communications are applied. Visitations to studios and agencies involved with the production of such imagery can be expected.

ART 278 3-D Computer Modeling

3 crs. • F, Sp • P: ART 107, 110, 241, or consent of instructor. No credit if taken after ART 491 titled Comp 3-D Animation.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

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.

ART 281 Introduction to Photography as an Art Form

3 crs. • V • Special Course Fee Required

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

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.

ART 291 Special Topics

1-3 crs. • V • *Instructor Consent Required*

Topics depend on interests of students and faculty and are not typically covered in regular art studio courses. Topics may be specific media concerns, art subjects, artmaking procedures, contemporary art concerns, or other issues.

ART 300 Art in Elementary/Middle Level School

3 crs. • F, Sp • *Special Course Fee Required* • P: ES 203 or SPED 205.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

• Not for art majors or minors except those seeking add-on licensure for Art/Special Education teaching (ART 106 not required for these students.)

Studio/discussion course involving study of child/middle level artistic development and examination of theory and practices in teaching Art and Art Heritage.

ART 304 Fundamentals of Art Education

3 crs. • Sp • *Special Course Fee Required* • P: ART 107, 108, 110, and ARTH 201. *Limited to liberal arts art majors and art education majors.*

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

An entry-level art education course for students considering becoming art educators. Theories and practices from art education praxis will be introduced and applied to teaching and learning and integrated with studio methodologies.

ART 312 Computer Graphics

3 crs. • V • GE-IVA; *Special Course Fee Required*

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

• For students in art education, general fine arts, and non-art majors. No credit for students majoring in graphic design. CS 100 is recommended prior to enrollment in this course.

Beginning concepts in typography, illustration, and page layout taught with current professional software and computers.

ART 332 Illustration Narratives

3 crs. • F • *Special Course Fee Required* • No S/U Grade Option • P: ART 241 and ART 244. *Limited to art majors and minors.*

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

An exploration of text and images and visual narrative within the context of contemporary illustration.

ART 340 Drawing: Conceptual Practices

3 crs. • Sp • *Special Course Fee Required* • P: ART 107, ART 108, ART 110.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Contemporary approaches to drawing at the intermediate level with a focus on interdisciplinary concepts including collaboration, electronic media, and animation.

ART 341 Life Drawing II

3 crs. • F • *Special Course Fee Required* • P: ART 110 and 241.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Studio course emphasizing personal expression in drawing the human body. Various media employed in depicting the live model in changing environments.

ART 342 Illustration Editorials

3 crs. • V • *Special Course Fee Required* • P: ART 241 and ART 244.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Illustration course concerned with news editorial markets, promotional markets, and current events. Collaboration with at least one local venue is offered.

ART 344/544 Painting: Space and Process

3 crs. • V • *Special Course Fee Required* • *May be repeated for a maximum of 6 credits* • P: ART 110 and 244.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Studio course for the intermediate student exploring materials, techniques, processes and their relationships to pictorial and physical space.

ART 347 Water-Media Process

3 crs. • V • *Special Course Fee Required; Field Trip(s) Required* • P: ART 247

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

An intermediate exploration of water-media placing emphasis on material processes and material experimentation.

ART 348 Water-Media Themes

3 crs. • V • *Special Course Fee Required; Field Trip(s) Required* • P: ART 247

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

An intermediate water-media course placing emphasis on building conceptual and thematic frameworks for art. Includes a reading, research, and writing element.

ART 349 Painting: Conceptual and Aesthetic Strategies

3 crs. • V • *Special Course Fee Required* • *May be repeated for a maximum of 6 credits* • P: ART 110 and ART 244.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Studio course for the intermediate student emphasizing problem solving, research strategies, and the development of individual direction.

ART 350 Printmaking - Relief-Intermediate

3 crs. • V • *Special Course Fee Required* • P: ART 250

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Studio course with advanced work in relief printmaking. Emphasis on refinement of personal expression with exploration into scale and proportion, color and multiple block printing methods.

ART 351 Printmaking - Intaglio-Intermediate

3 crs. • V • *Special Course Fee Required* • P: ART 251

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Advanced studio course in prints taken on paper from inked incisions of metal plates.

ART 352 Printmaking - Serigraphy-Intermediate

3 crs. • V • *Special Course Fee Required* • P: ART 252

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Studio course which further explores silk screen methods including photo-screen techniques.

ART 353 Printmaking - Lithography-Intermediate

3 crs. • V • *Special Course Fee Required* • P: ART 253

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Experimentation with different media, creative uses of textures and color. Printmaking on a more technologically and conceptually advanced level.

ART 357/557 Ceramics I

3 crs. • V • *Special Course Fee Required* • P: ART 110 or consent of instructor.

Limited to art majors and minors. • *Department Consent Required*

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Studio course comprised of introductory experience in mixing clay, making glazes, throwing, hand building, glazing, and methods of firing.

ART 358 Ceramics II

3 crs. • V • *Special Course Fee Required* • P: ART 357

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Continuation of Art 357 with emphasis on loading and firing kilns.

ART 364 Assembled Form

3 crs. • V • *Special Course Fee Required; Field Trip(s) Required* • P: ART 264

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

The advanced study of the manipulation, fabrication, and combined usages of disparate materials in sculpture.

ART 365 Site-Specific Sculpture

3 crs. • V • *Special Course Fee Required; Field Trip(s) Required* • P: Completion of at least four 200-level or higher Art courses.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

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.

ART 366 Found Media

3 crs. • V • *Special Course Fee Required; Field Trip(s) Required* • P: ART 264

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Course will focus on the integration, manipulation, and conceptualization of "found media" into sculpture.

ART 373 Motion Graphics

3 crs. • F, Sp • *Special Course Fee Required* • A-F Grades Only • P: ART 107, ART 108, ART 110, and ART 312 or ART 274, plus two art studio courses in an emphasis area approved by the student's adviser. • *Department Consent Required*

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

A studio course exploring the concept, creativity and techniques of 2-dimensional digital motion graphics, including the applications of TV and film identity, internet motion graphics, representative or abstract animation, and artistic presentation in galleries.

ART 374 Graphic Design IV: Advanced Typographics

3 crs. • F • *Special Course Fee Required* • P: ART 275 and 276.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Studio course applying the advanced principles of typographical design and relationships to graphic communications.

ART 375 Electronic Media Design I: Information Environments

3 crs. • V • *Special Course Fee Required* • *May be repeated for a maximum of 6 credits* • P: ART 275

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Studio course exploring the potential of print related design, pre-press capabilities, related graphic software, and the introduction of multimedia interface design.

ART & DESIGN

ART 376 Graphic Design V: Editorial Concepts

3 crs. • V • *Special Course Fee Required* • P: ART 374

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Studio course applying the concepts of editorial design, layout, and print-related graphics. Visitations to studios and agencies involved with the production of such imagery can be expected.

ART 378 3-D Computer Animation I

3 crs. • F, Sp • P: ART 278

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

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.

ART 381 Intermediate Photography: Darkroom

3 crs. • V • *Special Course Fee Required* • P: ART 281

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

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.

ART 382 Intermediate Photography: Digital

3 crs. • F, Wi, Sp, Su • *Special Course Fee Required* • P: ART 281 or consent of instructor.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

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.

ART 383 Video for Art and Design

3 crs. • F, Wi, Sp, Su • *Special Course Fee Required* • P: ART 281 or consent of instructor.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

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.

ART 384 Artist Books: Image & Text

3 crs. • F • *Special Course Fee Required* • No S/U Grade Option • P: Any 200-level course in studio art.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

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.

ART 395/595 Directed Studies

1-3 crs. • F, Sp, Su • *May be repeated* • *Department Consent Required*

Investigation of a special studio art/art related project.

ART 399 Independent Study - Juniors

1-3 crs. • F, Sp, Su • *May be repeated* • P: Minimum junior standing. • *Department Consent Required*

Individual research projects under the direction of a faculty member.

ART 402 Advanced Studio Practice

3 crs. • F, Sp • *May be repeated for a maximum of 9 credits* • P: Minimum junior standing. • *Instructor Consent Required*

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

• See Note 1.

Studio course mixing advanced studio students of various disciplines who are researching individually proposed projects. Emphasizes the professional presentation of artwork.

ART 404 Advanced Studio - Art Education

1-6 crs. • F, Sp, Su • *May be repeated for a maximum of 12 credits* • P: ES 350 or 354 or consent of instructor. • *Department Consent Required*

• See Note 1.

ART 405 Advanced Three-Dimensional Studio

1-3 crs. • F, Sp • *May be repeated for a maximum of 9 credits* • P: Minimum junior standing.

• See Note 1.

Topical projects and investigation of personal concepts through a variety of three-dimensional media.

ART 441 Advanced Studio - Life Drawing

3 crs. • Sp • *Special Course Fee Required* • P: Grade of C+ or above in ART 341.

• *Department Consent Required*

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

• See Note 1.

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 is emphasized.

ART 443 Advanced Studio - Illustration

3 crs. • V • *Special Course Fee Required; Field Trip(s) Required* • P: ART 332, ART 341, ART 342. • *Department Consent Required*

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

• See Note 1.

Studio course focusing on the development of a professional portfolio including promotional materials, the business of illustration, further exploration of imagery and processes, and a greater unity between concept and application. Artist lectures are supplemental.

ART 458 Advanced Ceramics

3 crs. • V • *Special Course Fee Required* • *May be repeated* • P: ART 358 • *Department Consent Required*

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

This course will focus on individualized concepts of creating in ceramics. Emphasis on the student's personal exploration of the vessel and/or sculptural forms. Course will prepare students for graduate school and setting up a ceramics studio.

ART 474 Electronic Media Design II: Multi-Media Interface Concepts

3 crs. • V • *Special Course Fee Required* • P: ART 375, or CS 163, or CS 245, or CS 319. *Limited to art majors and computer science majors and minors.*

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Studio course applying the concepts of visual communication in electronic media, including experiments of digital animation, digital music and sound effect, and human-computer interactivity.

ART 476 Graphic Design VI: Advanced Graphic Communication

3 crs. • F • *SL-Full; Special Course Fee Required* • P: ART 376 or consent of instructor. • *Department Consent Required*

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Course involving the use of practical and client-based projects related to print, packaging, multimedia interface, and/or photo-related solutions. Visits to studios and design agencies can be expected.

ART 477 Graphic Design VII: Advanced Portfolio Development

3 crs. • Sp • *Special Course Fee Required; Field Trip(s) Required* • P: ART 376. *Limited to graphic design majors.*

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

A graphic design studio course focusing on advanced development of a professional portfolio, informational interview, and exploration of creativity with focused research information in relationship to the professional field.

ART 478 3-D Computer Animation II

3 crs. • F, Sp • P: ART 378

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

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.

ART 481 Advanced Studio-Photography

1-6 crs. • V • *Special Course Fee Required* • *May be repeated* • P: Two of these 300-level courses: ART 381, 382, 383, or 384. • *Department Consent Required*

• See Note 1.

Topical projects and investigation of personal concepts through photographic media.

ART 491 Special Topics

1-3 crs. • V • *May be repeated* • *Instructor Consent Required*

Topics depend on interests of students and faculty and are not typically covered in regular art studio courses. Topics may be specific media concerns, art subjects, artmaking procedures, contemporary art concerns, or other issues.

ART 497 Student Academic Apprenticeship in Art

1-3 crs. • V • S/U Only Grade Basis • P: At least six semester credits in the studio area in which the student will apprentice and a grade of B+ or above in the course in which the student will apprentice. Minimum resident and total GPA of 3.30. Minimum senior standing. • *Instructor Consent Required*

Qualified students, selected and supervised by faculty members, facilitate teaching and learning in a specific course. Students enhance their knowledge of art and their ability to communicate that knowledge.

ART 498 Internship

1-3 crs. • F, Sp, Su • IN • May be repeated for a maximum of 6 credits • P: Limited to art majors. • Department Consent Required

Assignment in an area of art to gain practical experience in the technical, research, and/or educational aspects of the discipline(s) involved. Work must build upon research and knowledge developed in other art courses.

ART 499 Independent Study - Seniors

1-3 crs. • F, Sp, Su • May be repeated • P: Minimum senior standing. • Department Consent Required

Individual research projects under the direction of a faculty member.

ARTH**ARTH 111 Art History Survey I**

3 crs. • F, Sp • GE-IVA; Field Trip(s) Required

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A historical survey of Western art from the Paleolithic through Medieval periods emphasizing materials, techniques, style, iconography, and contexts of production and reception.

ARTH 112 Art History Survey II

3 crs. • F, Sp • GE-IVA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Lecture series reviewing the fine arts in Western Europe and America from 1200 through the present century.

ARTH 201 Art of the 20th Century

3 crs. • Sp • FC; GE-IVA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study of architecture, sculpture, painting, related arts, and music on the international art scene during the twentieth century. Emphasizes the pluralistic nature of modern and contemporary art (including music).

ARTH 217 Medieval Art

3 crs. • V • GE-IVA • P: ARTH 111

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study of the arts and architecture during the Early Christian, Byzantine, Carolingian, Romanesque, and Gothic periods. Emphasizes Christian religious art from the late Roman Empire up to the Italian Renaissance (ca. A.D. 400-1400).

ARTH 225 History of Graphic Design

3 crs. • F • FC; GE-IVA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ARTH 227 History of Photography

3 crs. • F • GE-IVA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Survey of ideas and processes of still photography and the making of history of photography in the past and present. Defines relationships between photography and other contemporary events that have shaped the nation and world.

ARTH 291 Special Topics

1-3 crs. • V • Instructor Consent Required

Topics depend on interests of students and faculty and are not typically covered in regular art history courses. Topics may be art historical themes, narrow period studies, national or regional traditions, or other focuses.

ARTH 310 History of World Architecture

3 crs. • F • GE-IVA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A survey of major architectural monuments around the world from c. 2100 BCE into the twentieth century. Utilizes slide-lecture and discussion format.

ARTH 315 Ancient Greek, Etruscan, and Roman Art

3 crs. • V • GE-IVA; Field Trip(s) Required • P: ARTH 111

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ARTH 319 Renaissance Art

3 crs. • V • GE-IVA • P: ARTH 112

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A study of the evolution of the style and meaning of Renaissance architecture, sculpture, painting and graphics during the fifteenth and sixteenth centuries in Italy and Northern Europe.

ARTH 321 Baroque and Rococo Art

3 crs. • V • GE-IVA • P: ARTH 112

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study of the architecture, sculpture, and painting in Italy, France, Spain, the Low Countries, Southern Germany, and England in the seventeenth and eighteenth centuries—the era of Baroque and Rococo.

ARTH 324 Survey of North American Indian Art

3 crs. • V • FC; CD2; GE-IVA; Field Trip(s) Required • P: One AIS or ARTH or ART course or consent of instructor. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both ARTH 324 and AIS 324.

A survey of North American Indian artwork in contemporary and historical contexts.

ARTH 327 Nineteenth Century Art

3 crs. • V • GE-IVA • P: ARTH 112

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study of the architecture, sculpture, and painting during the nineteenth century.

ARTH 333 Themes in Contemporary Art

3 crs. • Sp • FC; GE-IVA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An investigation of the processes, theories, and historical viewpoints that motivate and structure the content of the current art world.

ARTH 335 Ancient Art and Architecture of Mexico and Central America

3 crs. • Sp • FC; GE-IVA; Field Trip(s) Required • P: One ART, ARTH, AIS, or LAS course, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

ARTH 337 Art of Tawantinsuyo

3 crs. • Sp • FC; GE-IVA; Field Trip(s) Required • P: One ART, ARTH, AIS, or LAS course, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both ARTH 337 and AIS 337.

A study of historical and contemporary art by indigenous artists of Tawantinsuyo, the Quechua name of the Inka empire in western South America. Emphasis is placed on textiles, yet metals and ceramics are also topics.

ARTH 350/550 Art Field Study Programs

1-6 crs. • V • GE-IVA • May be repeated for a maximum of 6 credits • Instructor Consent Required

• Fee variable.

Travel seminars examining art in this country and abroad.

ARTH 389 Methodologies of Art History

3 crs. • F • P: ARTH 111 and 112.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

This course surveys the major methodologies and approaches that art historians use to construct and interpret the discipline's content.

ARTH 395 Directed Studies

1-3 crs. • F, Sp • May be repeated • P: Minimum 11 credits Art History. • Department Consent Required

The study of an art historical problem or topic approved by the supervising instructor and department chair.

ARTH 399 Independent Study - Juniors

1-3 crs. • F, Sp, Su • May be repeated • P: Minimum 12 credits Art History. • Department Consent Required

Individual research project in a specific art history subject under the direction of an art history faculty member.

ARTH 491 Special Topics

1-3 crs. • V • Instructor Consent Required

Topics depend on interests of students and faculty and are not typically covered in regular art history courses. Topics may be art historical themes, narrow period studies, national or regional traditions, or other focuses.

ARTH 499 Independent Study - Seniors

1-3 crs. • F, Sp, Su • May be repeated • P: Minimum 12 credits Art History. • Department Consent Required

Individual research project in a specific art history subject under the direction of an art history faculty member.

Biology

PHILLIPS 330
(715) 836-4166
www.uwec.edu/biology/index.htm

WILSON TAYLOR, CHAIR

JULIE ANDERSON, DAMANI BRYANT, WINNIFRED BRYANT, RODOLFO BUISER, CHRISTINA CHAN-WEIHER, MARY ELGER-LONZARICH, CHRIS FLOYD, DEB FREUND, MITCHELL FREYMILLER, DEREK GINGERICH, LOIS HELLAND, DANIEL HERMAN, ERIN HOUSER, DANIEL JANIK, LYNN YOUNG JANIK, MICHELLE KETTLER, PAULA KLEINTJES NEFF, SUSAN KRUEGER, TALI LEE, DAVID LONZARICH, JAMIE LYMAN-GINGERICH, ERIC MERTEN, KELLY MURRAY, JOSEPH ROHRER, SASHA SHOWSH, LLOYD TURTINEN, EVAN WEIHER, MICHAEL WEIL, TODD WELLNITZ.

Honor Societies and Student Organizations:

Biology Club is a student organization for those interested in Biology. Beta Beta Beta, Biology Honor society, is dedicated to improving the understanding and appreciation of biological study and extending the boundaries of human knowledge through scientific research. Meetings provide opportunities to meet other biology majors/minors and professors, hear speakers on various biology related topics, learn about possible internships and research opportunities, and participate in fun activities such as trips to science museums, aquariums, and zoos.

Biologists study the diversity, function, and interconnection of living organisms on earth from the molecular and cellular level to that of the whole organism. It is a broad science with many subdisciplines that range from the theoretical to the applied and from the microbe to the biome. Biological knowledge and understanding is essential for the intelligent evaluation of a range of issues facing civilization whether they be emerging diseases; invasive species and loss of biodiversity; or advances in medical, biotechnological, and ecological research.

The mission of the Department is to build a community that will instill an enthusiasm for lifetime learning in the biological sciences through education, research, and service to students, faculty/staff, and the public-at-large. We aim to provide students with basic concepts and skills as well as an enlightening and participatory learning environment via coursework, seminars, and collaborative research opportunities so that they may solve problems and confront issues of the future whether they be scientific, social, political, or ethical in context. We also aim to provide an atmosphere that assists students in identifying career possibilities consistent with their interests and abilities in the life sciences.

Core Requirements for All Biology Majors

Ecology and Environmental Biology Emphasis (Code 080-001); Microbiology Emphasis (Code 080-002); Organismal Biology Emphasis (Code 080-003); Biology, Liberal Arts (Code 080-203); Biology, Teaching (Code 080-205).

	<u>Credits</u>
110 Ecology and Evolution	4
111 Essentials of Cell Biology and Genetics	4
211 Organismal Form and Function	5
Capstone Experience*	minimum 1
Total Core Requirements	14

*Each major is required to complete a capstone experience which includes one of the following: Biol 385 Undergraduate Seminar, Biol 485 Issues in Biology, Biol 496 Student Academic Apprenticeship, or Biol 497 Senior Research Seminar. Ecology and Environmental Biology Emphasis comprehensive majors may also select Biol 329 Field Experience in Conservation Biology. Teaching majors are required to select Biol 496.

COMPREHENSIVE MAJOR: BIOLOGY, Liberal Arts

In addition to the Core Requirements for All Majors, Biol 300, Genetics (4 crs.) is required for all emphases in the Comprehensive Major. All students who pursue a Liberal Arts Comprehensive Major in Biology are also required to complete Math 114 Calculus I, and one year of chemistry, chosen from Chem 103 and 104, or 115 and a 200-level or higher chemistry course in addition to the 60 credits required for the major. NOTE: Math 114 counts for GE-IB credit and Chem 103/104 or 115 count for GE-IIB credit.

Ecology and Environmental Biology Emphasis (Code 080-001)

This emphasis provides extensive exposure to topics in ecology, field biology, and biological conservation. It is intended for students who are interested in field research, environmental monitoring and management, or natural resource conservation, or who desire strong preparation for graduate programs in ecology, environmental biology, or related fields. Requires completion of the core plus the required credits as listed below to total at least 60 credits.

<u>Required Courses</u>	<u>Credits</u>
Biol 383 Biostatistics	3
Field Experience, selected in consultation with the student's academic adviser. Courses may include Biol 320, 490, summer offerings at a biological field station, or other approved field experience.	1-4
<u>Categorical Courses</u>	22-26
<u>Form and Function:</u> At least one course from Biol 302, 304, 317, 322, 333	
<u>Organismal Function:</u> At least two courses from Biol 311, 325, 331, 332, 340, 345, 352, 356, 361, 362, 369, 379, 381, 410	
<u>Ecology and Behavior:</u> At least two courses from Biol 328, 330, 338, 365, 375, 376	
<u>Physical Sciences</u>	12
Select from Geog 200, 270, 304, 335, 338, 350, 361, 363; Geol 115, 308, 315, 336; Phys 211 or 231; Chem 304, 325 (only 12 credits maximum will be applied toward the major)	
Additional biology courses not specifically excluded from the biology major to complete at least 60 credits.	
Research or internship experience strongly recommended.	

Microbiology Emphasis (Code 080-002)

This emphasis differs from the Biochemistry/Molecular Biology comprehensive major. It provides more in-depth exposure to topics in microbiology including virology, immunology, and general microbiology. It is excellent preparation for careers in health science, microbiology or industry, and for graduate training in microbiology and related fields. Requires completion of the core plus the required credits as listed below to total at least 60 credits.

<u>Required Courses</u>	<u>Credits</u>
Biol 302 Cell Biology	3
Biol 304 Molecular Biology	4
Biol 361 Microbiology	5
Biol 402 Current Topics in Virology and Immunology	4
Chem 325 Organic Chemistry I with Laboratory	4
Chem 326 Organic Chemistry II with Laboratory	4
Chem 352 Fundamentals of Biochemistry	4
<u>Elective Courses</u>	14
At least three courses from the following: Biol 306, 352, 353, 371, 381, 401, 409, 486; Enph 450	
Additional biology courses not specifically excluded from the biology major to complete at least 60 credits.	

Organismal Biology Emphasis (Code 080-003)

This emphasis provides comprehensive exposure to organismal form, function, and diversity. It prepares students for careers in human or animal health sciences, industry, or graduate training in plant or animal biology. Requires completion of the core plus the required credits as listed below to total at least 60 credits.

<i>Required Courses</i>	<u>Credits</u>
Biol 302 Cell Biology <i>or</i>	
Biol 304 Molecular Biology	3-4
Biol 317 Animal Physiology <i>and</i>	
Biol 460 Developmental Biology <i>or</i>	
Biol 322 Plant Anatomy <i>and</i>	
Biol 333 Plant Physiology	8
Biol 383 Biostatistics <i>or</i>	
Math 246 Elementary Statistics	3-4
Chem 325 Organic Chemistry I with Laboratory	4
Chem 326 Organic Chemistry II with Laboratory	4
Chem 352 Fundamentals of Biochemistry	4
<i>Categorical Courses</i>	15

At least one course from each of the following categories. At least two courses must have a laboratory. (NOTE: Laboratory courses are underlined.)

Form and Function: Select from Biol 302, 304, 317, 322, 333, 354, 380, 402, 420, 460, 470, 486

Organismal Function: Select from Biol 311, 325, 326, 331, 332, 340, 345, 352, 356, 361, 362, 369, 379, 381, 410

Ecology, Evolution and Behavior: Select from Biol 308, 328, 330, 338, 365, 375, 376

Additional biology courses not specifically excluded from the biology major to complete at least 60 credits.

MAJOR: BIOLOGY, Liberal Arts (Code 080-203)

Thirty-six semester credits, including:

1. Core Requirements for all majors, as listed above.
2. Additional biology courses not specifically excluded from the biology major to complete the 36 credit total in biology. This must include at least ONE of the following 300-level or higher organismal diversity courses: Biol 311, 325, 331, 332, 340, 345, 352, 356, 361, 362, 369, 379, 392, 410, or applicable diversity course at the Gulf Coast Research Laboratory.
3. In addition to the 36 credits in biology, a math requirement of Math 114, Calculus I, and a one-year chemistry requirement of 9-10 semester credits chosen from Chem 103 and 104, *or* 115 and a 200-level or higher chemistry course.

NOTE: Math 114 satisfies GE-IB and Chem 103, 104, or 115 satisfy GE-IIB. Although not required, it is suggested that biology majors consider taking Engl 305 or 308 for GE-IA, Phys 211/212 for GE-III, Phil 306, 320, or 355 for GE-IVB, and CS 170 for GE-V, or consult with an adviser for other appropriate GE courses to complement personal interests and the major.

MAJOR: BIOLOGY, Teaching (Code 080-205)

Thirty-six semester credits, including:

1. Core Requirements for all majors, as listed above.
2. Biol 214 and 314.
3. At least one course in cells, molecules, genetics from among Biol 250, 300, or 302.
4. At least one course in animal biology from among Biol 311, 345, 352, 356, or 362.
5. At least one course in plant biology from among Biol 322, 325, 326, 331, 332, 333, or 392.
6. A minimum of one field course from among Biol 311, 320, 325, 330, 331, 332, 338, 340, 345, 356, 362, 365, 369, 370, 375, 376, 379, 410, Pigeon Lake, or Gulf Coast Research Laboratory courses.
7. Additional biology courses not specifically excluded from the biology major to complete the 36-credit total in biology.
8. In addition to the 36 credits in biology, chemistry requirement of 9-10 semester credits chosen from Chem 103 and 104 OR Chem 115 and a Chem course numbered 200 or higher.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Biology in Early Adolescence through Adolescence classrooms.

NOTE: See also Information for Teaching Majors.

COMPREHENSIVE MAJOR: BIOCHEMISTRY/MOLECULAR BIOLOGY, Liberal Arts (Code 090-001)

See Interdisciplinary Majors.

MINOR: BIOLOGY, General—Liberal Arts (Code 080-401)

A minimum of 24 credits, including Biol 110, 111, 211, and at least one of the following 300-level or higher organismal diversity courses: Biol 311, 325, 331, 332, 340, 345, 352, 356, 361, 362, 369, 379, 392, 410, or applicable diversity course at the Gulf Coast Research Laboratory.

MINOR: BIOLOGY, Teaching (Code 080-403)

A minimum of 24 credits, including Biol 110, 111, 211, and 11 credits in courses numbered 300 or higher. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Biology in Early Adolescence through Adolescence classrooms.

DEPARTMENTAL HONORS IN BIOLOGY

Eligibility: Upper-class students with resident and total GPAs of 3.30 or higher and a 3.50 or higher in at least 12 credits of biology.

Procedure: A written application for Departmental Honors in Biology shall be approved by the research adviser and the departmental honors committee.

Requirements:

1. The satisfactory completion of (a) 5-7 credits of registration in Honors Research including the writing of a research paper. A grade will be given for the total research credits only upon completion of the research paper; (b) Biol 385 or Biol 497 where the results of the honors research will be presented; (c) final approval by faculty and academic staff of the Department of Biology.

2. Resident and total GPAs of 3.50 or higher in both the biology major and for all credits attempted to meet graduation requirements.

INFORMATION FOR ALL MAJORS

NOTE 1: For students planning to do graduate work in biology, attention is called to the importance of mathematics, the physical sciences, and languages; courses in these areas should be chosen in consultation with the major adviser.

NOTE 2: A minimum of a year of chemistry is required for a major in biology and should be started during the freshman year.

NOTE 3: Majors are encouraged to take advantage of the special opportunities available in summer courses at the Pigeon Lake Field Station or the Gulf Coast Research Laboratory, Ocean Springs, Mississippi. Interested students should consult the On-Campus Affiliate Coordinator.

INFORMATION FOR TEACHING MAJORS

NOTE 1: Biology majors entering teaching must take Biol 180 or Geog 178 to satisfy Wisconsin DPI requirements in Conservation.

NOTE 2: Completion of the following requirements and ES 359 may be used in lieu of a minor and adds Broadfield Science licensure to the Teaching major:

A. At least 14 credits from one of the following areas: (1) Chem 103 and 104, or 115; additional courses selected from 213, 218, 325; (2) Phys 211 and 212 or 231 and 232; additional credits above 212; (3) one of Geol 106, 110, 115, or 118; Geog 104 or 340 or 361; Phys 226; additional courses from Geol 102, 301, 303, 308; Phys 229; Geog 200, 304, 340, 361.

B. Eight credits in each of the two areas not selected in A above: (1) Chem 103 or 115, plus 104 or 150; (2) Phys 211 and 212, or 231 and 232; (3) one of Geol 106, 110, 115, or 118; Geog 104; and Phys 226 or 229.

BIOL

BIOL 100 General Biology

4 crs. • F, Sp, Su • GE-III; LS

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 3

• No credit toward biology major or minor. This course cannot serve as a prerequisite for 300-level biology courses.

Explores fundamental principles of ecology, genetics, evolution, organism structure and function. Some lab sections are specially designed for elementary/special education students who are likely to pursue a career in fields other than the biological or medical sciences.

BIOLOGY

BIOL 110 Ecology and Evolution

4 crs. • F, Sp • GE-IIA; LS; *Special Course Fee Required; Field Trip(s) Required*
• No S/U Grade Option • P: MATH 109 or placement into MATH above 109.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 3

• Grade of C or above in BIOL 111 if BIOL 111 is taken before BIOL 110. Good performance in high school biology and mathematics. One weekend field trip required.

Introduction to the principles, patterns, and processes that have shaped the evolution of organisms and their interactions with the environment.

BIOL 111 Essentials of Cell Biology and Genetics

4 crs. • F, Sp • GE-IIA; LS • No S/U Grade Option • P: MATH 109 or placement into MATH above 109; CHEM 103 or 115 or concurrent enrollment.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 3

• Grade of C or above in BIOL 110 if BIOL 111 is taken before BIOL 111. Good performance in high school biology and chemistry.

An exploration of the fundamental principles upon which life is based. Emphasis on molecular/cell biology and genetics.

BIOL 130 Human Sexual Biology

3 crs. • F, Sp • GE-IIA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

BIOL 151 Biology of Humans

4 crs. • F, Sp, Su • GE-IIA; LS • P: No credit if taken after or concurrently with BIOL 214.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

• 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.

BIOL 180 Conservation of the Environment

3 crs. • F, Sp • GE-IIA • P: No credit if taken after GEOG 178.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 1

• No credit toward biology major or minor. Satisfies Wisconsin conservation requirement for teaching certificates in science and social science.

An introduction to natural resource conservation. Problems associated with the use and abuse of America's resources are studied in an ecological framework. Resource management methods are explored.

BIOL 181 Conservation of the Environment Lab

1 cr. • V • GE-IIA; LS; SL-Optional; *Special Course Fee Required; Field Trip(s) Required* • P: Must be taken with BIOL 180.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2

• No credit toward biology major or minor.

Laboratory science course intended to be taken with BIOL 180. Conservation of the Environment, 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.

BIOL 195 Plants and Society

4 crs. • F, Sp • GE-IIA; LS

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

• 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.

BIOL 196 Human Nutrition

3 crs. • F, Sp, Su • W; GE-IIA • P: No credit if taken after BIOL 354.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 1

• 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.

BIOL 211 Organismal Form and Function

5 crs. • F, Sp • No S/U Grade Option • P: BIOL 110 and 111 each with a grade of C or above.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 4

Using concepts introduced in the first two courses in the introductory biology sequence, students will further develop their laboratory, reading, and critical thinking skills by learning about and experimenting on plants and animals.

BIOL 214 Human Anatomy and Physiology I

4 crs. • F, Sp, Su • GE-IIA; LS • P: Chem 103 or 115 with a grade of C or above.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

• No credit toward biology major or minor or pre-professional health science minor unless BIOL 314 is taken, and then only five credits from BIOL 214 and BIOL 314 can be counted toward the biology liberal arts major or minor, and the pre-professional health science minor. 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.

BIOL 250 Microbiology

3 crs. • F, Sp • GE-IIA • P: BIOL 214 and one semester of college chemistry. No credit if credit has been earned in BIOL 361.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

BIOL 291 Special Topics in Introductory Biology

1-3 crs. • V • P: Concurrent registration in BIOL 110 or consent of instructor.

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. • F, Sp, Su • SL-Full • May be repeated for a maximum of 4 credits • S/U Only Grade Basis • P: Eight credits in biology, with a 3.00 GPA including a grade of B or above in the course in which the teaching experience will occur. Limited to biology majors. • 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.

BIOL 300/500 Genetics

4 crs. • F, Sp • P: BIOL 211 or consent of instructor; and MATH 109 with a grade of C or above.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

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.

BIOL 302 Cell Biology

3 crs. • Sp • P: BIOL III; CHEM 104 or 115.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Structure, function, and molecular organization of cells and cell organelles.

BIOL 304 Molecular Biology

4 crs. • F, Sp • P: BIOL 300; CHEM 104 or 115.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

Current concepts and methodologies of molecular biology presented in an experimental framework. Emphasis on current techniques, DNA replication, and gene regulation at the transcriptional, post-transcriptional, and translational levels.

BIOL 306/506 Infectious Disease Ecology

3 crs. • Sp • P: BIOL III; and CHEM 104 or 115. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

BIOL 307 Cell and Molecular Biology Laboratory

2 crs. • F • A-F Grades Only • P: BIOL 302 or concurrent enrollment.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 4

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.

BIOL 308 Evolution

3 crs. • Sp • P: BIOL III or 300, or concurrent registration.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

BIOL 309 Women in the Life Sciences

2 crs. • F • GE-IIA • P: *Minimum junior standing.*
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
• Credit may not be earned in both BIOL 309 and WMNS 309.
Reading, discussion, and student presentations about women and their contributions to the biological sciences within a personal, cultural, and historical context.

BIOL 311/511 General Entomology

4 crs. • F • *Field Trip(s) Required* • P: *BIOL 100 or 211.*
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4
Study of the structure, function, diversity, ecology, and management of insects. Field collection and laboratory identification of terrestrial and aquatic insects of Wisconsin.

BIOL 314 Human Anatomy and Physiology II

4 crs. • F, Sp • P: *BIOL 214 with a grade of C or above. Minimum sophomore standing.*
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2
• Only five credits from BIOL 214 and 314 can be counted toward the biology liberal arts major or minor, and the pre-professional health science minor.
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.

BIOL 317 Animal Physiology

4 crs. • Sp • P: *BIOL 211; one year of chemistry.*
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 3
Analysis of animal function using physical and chemical principles; homeostatic regulation of the internal environment of animals.

BIOL 320 Studies in Tropical Environments

3 crs. • Wi, Su • GE-IIA; LS; *Special Course Fee Required; Special Course Fee Varies by Section • Instructor Consent Required*
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 4
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.

BIOL 322 Plant Anatomy

4 crs. • F • P: *BIOL 211*
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4
The development and structure of cells, tissue, and organs; the structure and growth of meristems; comparative anatomy of stems, roots, and leaves of vascular plants.

BIOL 325 Taxonomy of Vascular Plants

4 crs. • Sp • *Field Trip(s) Required* • P: *BIOL 110*
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4
Principles of plant taxonomy including classification, description, identification, and nomenclature; survey of vascular plant diversity with emphasis on flowering plant families of Wisconsin. Field study of local autumn flora.

BIOL 326 Economic Botany

3 crs. • V • GE-IIA • P: *BIOL 211*
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.

BIOL 328 Conservation Biology

3 crs. • F • P: *BIOL 180 or GEOG 178; and BIOL 110, or 330, or 338, or 376.*
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Scientific basis for restoring, maintaining, and protecting biological diversity. Explore worldwide efforts in research, education, and advocacy aimed at conserving genes, species, and ecosystems and their ecological and evolutionary processes.

BIOL 329 Biological Field Experiences and Service-Learning Capstone

1-2 crs. • F, Sp • SL-Full; CP; *Field Trip(s) Required • May be repeated for a maximum of 3 credits • P: BIOL 110, BIOL 111, and BIOL 211. Minimum junior standing. • 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.

BIOL 330 Population and Community Ecology

4 crs. • Sp • *Field Trip(s) Required* • P: *MATH 114 and BIOL 211.*
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2
Emphasis on theory and empirical research concerning the dynamics and regulation of managed and natural populations. Application of field methods to sample populations and mathematical techniques to study population patterns.

BIOL 331 Trees and Shrubs

3 crs. • F • *Field Trip(s) Required* • P: *BIOL 110 or 195.*
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2
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.

BIOL 332 Field Botany

3 crs. • Su • *Field Trip(s) Required* • P: *BIOL 110*
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2
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.

BIOL 333 Plant Physiology

4 crs. • Sp • P: *BIOL 211 and one year college chemistry.*
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 3
A study of physiological processes that enable plants to grow under the varied conditions found in nature. Topics include plant metabolism, transport, growth, and development. Labs reinforce principles covered in lecture and expose students to modern research techniques.

BIOL 338 Vegetation Ecology

4 crs. • F • *Special Course Fee Required; Field Trip(s) Required* • P: *Minimum junior standing.*
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4
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.

BIOL 340 Ornithology

4 crs. • Sp • *Special Course Fee Required; Field Trip(s) Required* • P: *BIOL 211 or consent of instructor.*
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4
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.

BIOL 345 Invertebrate Zoology

4 crs. • F • *Special Course Fee Required; Field Trip(s) Required* • P: *BIOL 211*
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4
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.

BIOL 352/552 Parasitology

4 crs. • F • P: *One semester of a lab course in biology.*
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 3
A survey of protozoan, helminth, and arthropod parasites, emphasizing those affecting humans, host-parasite relationships, and vectors. Animal dissection is required.

BIOL 353 Biotechnology

3 crs. • F • GE-IIA • P: *Minimum junior standing.*
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Examination of current biotechnology and future potentials. Focus on products, problems, and the profound impact of this science on individuals and society.

BIOL 354 Concepts in Advanced Nutrition

3 crs. • Sp • W • P: *BIOL 111*
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
In-depth study of nutrition incorporating more physiological and biochemical concepts than introductory nutrition courses. Coverage of nutrients, functions, and sources; metabolism; energy balance; dietary recommendations and relationship of food intake to chronic disease.

BIOL 356 Wisconsin Wildlife

4 crs. • V • GE-IIA; LS; *Special Course Fee Required; Field Trip(s) Required* • P: *BIOL 100 or 110. No credit if taken after BIOL 340, 369, 379, or 410.*
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2
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.

BIOLOGY

BIOL 361/561 Biology of Microorganisms

5 crs. • F, Sp • P: BIOL 111 and one year of chemistry. No credit if credit has been earned in BIOL 250.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 4

Study of microbial taxonomy, physiology, genetics, ecology, and morphology with environmental, industrial, agricultural, and medical applications.

BIOL 362 Field Zoology

3 crs. • Su • P: BIOL 211

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

Field trips and laboratories concerned with habitat observation, collection, and identification of local animals, with emphasis on the invertebrates and cold-blooded vertebrates.

BIOL 365 Animal Behavior

4 crs. • F • Field Trip(s) Required • P: BIOL 211 or one year of college zoology, or consent of instructor.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4

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.

BIOL 369 Herpetology

4 crs. • Sp • Field Trip(s) Required • P: BIOL 211

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4

Anatomy, physiology, ecology, evolution, and taxonomy of amphibians and reptiles. Laboratory identification of common North American species and field observations of local species.

BIOL 371 Medical Mycology

3 crs. • F • P: BIOL 111 and one semester of college chemistry. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

BIOL 375 Limnology and Aquatic Ecology

4 crs. • F • Special Course Fee Required; Field Trip(s) Required • P: BIOL 110; CHEM 103 and 104, or 115. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 3

An investigation of the geological, physical, and chemical processes of freshwater systems and their influence on the diversity and productivity of biological populations in lakes. Exploration of current issues by evaluation of case studies.

BIOL 376 Aquatic Ecology

3-4 crs. • F • Field Trip(s) Required • P: BIOL 110. 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.

BIOL 379 Ichthyology

4 crs. • V • Special Course Fee Required; Field Trip(s) Required • P: BIOL 211

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4

Anatomy, physiology, taxonomy, behavior, ecology, and evolution of fishes. Laboratory and field identification of local freshwater species.

BIOL 380/580 Endocrinology

4 crs. • F • P: BIOL 211, and one year college chemistry.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 3

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.

BIOL 381/581 Virology

4 crs. • V • P: BIOL 361

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

Fundamental principles of virus structure, assembly, replication, and control mechanisms related to the dynamics of virus-cell interactions using specific disease examples. Lecture and discussion emphasis on modern molecular methods of studying virus systems.

BIOL 383 Statistical Analysis of Biological Data

3 crs. • Sp • P: BIOL 110 and 111; MATH 111 or 114.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

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.

BIOL 384 Biological Investigation

2 crs. • F, Sp • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

Biological investigation is designed for students participating in undergraduate/faculty collaborative research projects.

BIOL 385 Undergraduate Seminar

1 cr. • F, Sp • CP • P: Minimum senior standing.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

Presentation of current research topics in student-selected subareas of biology.

BIOL 390 Biological Immersion Experience

1-4 crs. • V • FC; GE-IIA; LS; SL-Optional/Half; Field Trip(s) Required • May be repeated for a maximum of 8 credits • A-F Grades Only • 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.

BIOL 392 Horticultural Botany

3 crs. • V • GE-IIA; LS; Field Trip(s) Required • P: BIOL 100 or 211.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

Botanical theory as applied to horticultural practices and problems.

BIOL 395 Directed Studies

1-3 crs. • V • May be repeated • P: Minimum sophomore standing. • Department Consent Required

Directed study of a question or problem of biological interest, approved by the supervising faculty and the department chair.

BIOL 396 Honors Research

1-7 crs. • F, Sp, Su • May be repeated for a maximum of 7 credits • P: 12 credits and 3.50 GPA in Biology courses. Minimum junior standing.

Individual research project under the direction of a research adviser.

BIOL 399 Independent Study - Juniors

1-3 crs. • V • May be repeated • P: Minimum junior standing. • Department Consent Required

Independent study projects under the direction of a faculty member.

BIOL 401 Recombinant DNA Techniques

4 crs. • Sp • P: BIOL 302 and 304; CHEM 352 or 452 and 453. • Instructor Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 8

A laboratory course designed to teach methods of cloning and analyzing DNA. Includes purification, restriction, separation, labelling of nucleic acids; cloning in phage and plasmid vectors; selecting and analyzing clones; DNA sequencing; transcript analysis.

BIOL 402/602 Current Topics in Virology and Immunology

4 crs. • F • P: BIOL 300, CHEM 325, and one of the following: BIOL 302, 304, 361, CHEM 352 or 452.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

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.

BIOL 409 Molecular Genetics

4 crs. • F • P: BIOL 304 and CHEM 452.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

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.

BIOL 410 Mammalogy

4 crs. • Sp • Special Course Fee Required; Field Trip(s) Required • P: BIOL 211 or one year of college zoology, or consent of instructor.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4

Introduction to biology of mammals, including taxonomy, evolution, thermoregulation, communication, behavioral ecology, and field techniques (e.g., tracking and live-trapping). Lab/field identification of Wisconsin species. Students will also carry out a semi-independent research project.

BIOL 412 Biochemistry/Molecular Biology Seminar

1 cr. • Sp • CP • P: Credit may not be earned in both BIOL 412 and CHEM 412. • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

• Capstone experience for Biochemistry/Molecular Biology majors.

A weekly seminar series in biochemistry/molecular biology. Presentations by UW-Eau Claire students and faculty and invited speakers are based on original research or recently published papers. All enrolled students give one talk.

BIOL 420 Electron Microscopy

4 crs. • V • *Instructor Consent Required*

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4

• Enrollment limited to six students.

Current theories and methods in electron microscopy. Emphasis on preparation of biological specimens including tissue fixation, embedding, ultrathin sectioning, and staining, and in operation of transmission and scanning electron microscopes.

BIOL 423 Collaborative Research in Biology

3 crs. • F, Sp • *Field Trip(s) Required* • A-F Grades Only • P: *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.* • *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.

BIOL 460 Developmental Biology

4 crs. • Sp • P: *BIOL 300, or 302, or consent of instructor.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 3

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.

BIOL 470 Neurobiology

4 crs. • Sp • P: *BIOL 211*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 3

Basic mechanisms in physiology and development of nervous systems. Introduction to neural systems and their behavioral correlates. Neuroscience methods. Students apply physical and chemical principles to understand nervous system function.

BIOL 485 Issues in Biology

2 crs. • F, Sp • CP • P: *Limited to biology majors and minors. No credit if taken after BIOL 385 or 497. Minimum senior standing.*

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

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.

BIOL 486 Comparative Vertebrate Histology

4 crs. • V • P: *BIOL 211. Minimum junior standing.*

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4

Detailed study of the microscopic structure and function of animal tissues.

BIOL 490 Biological Field Studies

1-4 crs. • V • *May be repeated for a maximum of 4 credits* • P: *One introductory and one upper division biology course.* • *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.

BIOL 491 Special Topics

1-3 crs. • V • *May be repeated* • P: *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.

BIOL 496 Student Academic Apprenticeship

1-2 crs. • F, Sp, Su • SL-Full; CP • *May be repeated for a maximum of 4 credits* • S/U Only Grade Basis • P: *Sixteen credits in biology including the course to be apprenticed with a grade of B or above and 3.00 GPA or higher in biology coursework. Minimum senior standing. Limited to biology majors.* • *Instructor Consent Required*

• No more than two credits can be counted toward a biology major or minor. A total of four credits may be taken between this course and BIOL 296.

For qualified students, selected and supervised by faculty members, to facilitate teaching and learning in a specific course. Apprentices enhance their knowledge of biology and their ability to communicate that knowledge to other students.

BIOL 497 Senior Research Presentation

1 cr. • CP • P: *BIOL 395 or 399 or 499 or consent of instructor. Limited to biology majors and minors. Minimum senior standing. No credit if taken after BIOL 385 or 485.*

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

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.

BIOL 498 Internship in Biology

1-3 crs. • F, Sp, Su • SL-Full; IN • *May be repeated for a maximum of 6 credits* • S/U Only Grade Basis • P: *Minimum junior standing.* • *Department Consent Required*

• Does not 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.

BIOL 499 Independent Study - Seniors

1-3 crs. • V • *May be repeated* • P: *Minimum senior standing.* • *Department Consent Required*

Independent study projects under the direction of a faculty member.

COURSES OFFERED AT THE GULF COAST RESEARCH LABORATORY, OCEAN SPRINGS, MISSISSIPPI

The University of Wisconsin-Eau Claire maintains a formal affiliation agreement with the Gulf Coast Research Laboratory (GCRL) in Ocean Springs, Mississippi. Through this arrangement, students may take field courses in marine science at GCRL during the summer. Grades and completed coursework from the GCRL are initially awarded and transcribed by the University of Southern Mississippi, but will be considered resident credit for students pursuing a degree at UW-Eau Claire.

Students may obtain more information about GCRL and admission to the summer program by contacting Dr. David Lonzarich, On-Campus Affiliate Coordinator, UW-Eau Claire Department of Biology or by writing the Office of Students Services, Department of Coastal Sciences, Gulf Coast Research Laboratory, Ocean Springs, MS 39564. Phone (228) 872-4200; or visit the Web site at www.usm.edu/gcrl.



Chemistry

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MICHAEL CARNEY, CHAIR

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Honor Societies and Student Organizations:

The UW-Eau Claire student affiliate chapter of the American Chemical Society (ACS-SA) is a national award-winning organization that involves students in social, professional, and service activities at the university and in the community. This group has continued since the ACS incorporated ACS-SA members into its general membership as Student Members. The UW-Eau Claire ACS-SA helps inform fellow students of curricular options and career opportunities, and coordinates a tutoring program serving students in lower-level chemistry courses. All chemistry students are eligible for membership.

The degree programs in Chemistry offer the opportunity to build a useful and marketable set of technical skills while obtaining a well-rounded liberal arts education. The Chemistry Department offers several majors and interdisciplinary programs with varying degrees of specialization designed to meet the needs and interests of a broad range of students. The ACS major is ideal for students seeking a rigorous and focused course of study, and is well suited to those seeking employment in the chemical industry or planning graduate study in chemistry. The Liberal Arts majors offer broader professional options and are more flexible in terms of elective coursework. They are also appropriate for those seeking employment or planning graduate study, especially those with interests in more interdisciplinary fields of chemistry. The Liberal Arts majors are also excellent choices for pre-medicine, pre-dentistry, and other pre-professional students. The Chemistry Teaching major is tailored to the needs of chemistry students interested in secondary education, and the Chemistry with Business Emphasis major is ideal for those seeking a business career in a technical industry. Pre-pharmacy students often declare a Chemistry with Business Emphasis major, as do other pre-professional students. Students interested in biological chemistry may also consider the interdisciplinary comprehensive major in Biochemistry and Molecular Biology offered jointly by the Biology and Chemistry Departments.

Faculty/student collaborative research is the hallmark of the Chemistry Department. These hands-on learning opportunities are key to acquainting students with the day-to-day activities of practicing chemists, and often lead to summer employment/internship opportunities. Many students present their work at a professional meeting prior to graduation.

The Department of Chemistry is accredited by the American Chemical Society and certifies the degrees of those who graduate with the Comprehensive ACS Chemistry major.

COMPREHENSIVE MAJOR: CHEMISTRY, A.C.S. (Code 100-006)

Recommended for students seeking a rigorous and focused degree program.

A minimum of 65 semester credits, including:

I. Chemistry Course Requirements

(A minimum of 44 credits):

	Credits
115 Chemical Principles <i>or</i>	
103 and 104 General Chemistry	6 *
213 Quantitative Analysis	4
218 Introduction to Inorganic Chemistry	3
325 and 326 Organic Chemistry I and II with Lab	8
433 and 434 Physical Chemistry I and II	8

100

Advanced courses:

352 Fundamentals of Biochemistry <i>or</i>	
452 and 454 Biochemistry I and II	4 or 6
401 Inorganic Chemistry <i>or</i>	
442 Instrumental Analysis	3
420 Advanced Synthesis Laboratory	2
438 Physical Analysis Laboratory	2
497 Independent Study (ACS) <i>or</i>	
453 Biochemistry Laboratory I	2

And at least two of the following courses (excluding those taken as options above): 318, 399, 401, 411, 426, 442, 453, 454, 455, 491, 495, 497, or 499.

II. Other Requirements

(A minimum of 18 credits):

Math 114 and 215 Calculus I and II	8
Phys 231 and 232 University Physics I and II	10

NOTE: The capstone experience is met by Chem 438.

Additional courses selected from Math 216, courses numbered 300 or higher in chemistry, and/or courses numbered 300 and higher in biology, computer science, geology, mathematics, and physics (and limited to courses that count toward majors in those disciplines) to give a minimum total of 65 credits.

NOTES: (1) *Only six of the ten course credits from Chem 103 and 104 count toward the major. (2) Students planning for graduate studies in chemistry (especially those interested in physical chemistry) are encouraged to take additional courses in mathematics (216 and/or 312) and physics. (3) Additional coursework in technical writing is recommended for students planning advanced work in science, and a reading knowledge of a foreign language may also be beneficial to those planning to attend graduate school.

COMPREHENSIVE MAJOR: CHEMISTRY,

Liberal Arts (Code 100-005)

A comprehensive degree option that offers additional flexibility in upper-level elective courses. Appropriate for employment, graduate study, or pre-professional programs such as pre-dentistry, pre-engineering, and pre-medicine.

A minimum of 65 semester credits, including:

I. Chemistry Course Requirements

(A minimum of 36 credits):

	Credits
115 Chemical Principles <i>or</i>	
103 and 104 General Chemistry	6 *
213 Quantitative Analysis	4
218 Introduction to Inorganic Chemistry	3
325 and 326 Organic Chemistry I and II with Lab	8
420 Advanced Synthesis Laboratory	2
433 and 434 Physical Chemistry I and II	8
438 Physical Analysis Laboratory	2

Three additional credits selected from the following: 318, 352 (or 452 and 454), 399, 401, 426, 442, 491, 495, 497, 499.

II. Other Requirements

(A minimum of 18 credits):

Math 114 and 215 Calculus I and II	8
Phys 231 and 232 University Physics I and II	10

NOTE: The capstone experience is met by Chem 438.

Additional courses selected from Math 216, courses numbered 300 or higher in chemistry, and/or courses numbered 300 and higher in biology, computer science, geology, mathematics, and physics (and limited to courses that count toward majors in those disciplines) to give a minimum total of 65 credits.

NOTES: (1) *Only six of the ten course credits from Chem 103 and 104 count toward the major. (2) Students planning for graduate studies in chemistry (especially those interested in physical chemistry) are encouraged to take additional courses in mathematics (216 and/or 312) and physics. (3) Additional coursework in technical writing is recommended for students planning advanced work in science, and a reading knowledge of a foreign language may also be beneficial to those planning to attend graduate school.

MAJOR: CHEMISTRY, Liberal Arts (Code 100-201)

Recommended for students who have parallel interests in related fields and wish to pursue a minor. Many students obtain a minor in mathematics, physics, or biology, though any minor will suffice, and other options may better suit some individuals. This program is also an appropriate choice for those seeking employment or continued studies in graduate or professional school.

I. Chemistry courses—36 semester credits, including:		<u>Credits</u>
115	Chemical Principles <i>or</i>	
103 and 104	General Chemistry	6 *
213	Quantitative Analysis	4
218	Introduction to Inorganic Chemistry	3
325 and 326	Organic Chemistry I and II with Lab	8
420	Advanced Synthesis Laboratory	2
433 and 434	Physical Chemistry I and II	8
438	Physical Analysis Laboratory	2
Minimum of three additional credits from the following: Chem 304, 318, 352, 399, 401, 411, 426, 442, 452, 453, 454, 455, 491, 495, 497, 499.		

II. Other Requirements—an additional 18 credits:

Math 114 and 215	Calculus I and II	8
Phys 231 and 232	University Physics I and II	10

NOTE: The capstone experience is met by Chem 438.

NOTES: (1) *Only six of the ten course credits from Chem 103 and 104 count toward the major. (2) Students planning for graduate studies in chemistry (especially those interested in physical chemistry) are encouraged to take additional courses in mathematics (216 and/or 312) and physics. (3) Additional coursework in technical writing is recommended for students planning advanced work in science, and a reading knowledge of a foreign language may also be beneficial to those planning to attend graduate school.

MAJOR: CHEMISTRY, Teaching (Code 100-204)

I. Chemistry courses—36 semester credits, including:		<u>Credits</u>
115	Chemical Principles <i>or</i>	
103 and 104	General Chemistry	6 *
213	Quantitative Analysis	4
218	Introduction to Inorganic Chemistry	3
325 and 326	Organic Chemistry I and II with Lab	8
420	Advanced Synthesis Laboratory	2
433 and 434	Physical Chemistry I and II	8
438	Physical Analysis Laboratory	2
Additional chemistry courses to give a minimum total of 36 credits in chemistry.		

II. Other Requirements—an additional 18 credits:

Math 114 and 215	Calculus I and II	8
Phys 231 and 232	University Physics I and II	10

NOTE 1: The capstone experience is met by Chem 438.

NOTE 2: *Only six of ten course credits from Chem 103 and 104 count toward the major.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Chemistry in Early Adolescence through Adolescence classrooms. A minor in biology, mathematics, or physics is recommended.

NOTE: Completion of the following requirements and ES 367 may be used in lieu of a minor and adds Broadfield Science licensure to the Teaching major:

A. At least 14 credits from one of the following areas: (1) Biol 110, 111, 151, 211; (2) Phys 211 and 212 or 231 and 232; additional credits above 212; (3) one of Geol 106, 110, 115, or 118; Geog 104 or 340 or 361; Phys 226; additional courses from Geol 102, 301, 303, 308; Phys 229; Geog 200, 304, 340, 361.

B. Eight credits in each of the two areas not selected in A above: (1) Biol 100 and 151; (2) Phys 211 and 212, or 231 and 232; (3) one of Geol 106, 110, 115, 118, or Geog 104; and Phys 226 or 229.

COMPREHENSIVE MAJOR:**CHEMISTRY WITH BUSINESS EMPHASIS (Code 111-001)**

This major is designed to prepare students for careers in chemical industry in the areas of sales, marketing, and technical service. It is also appropriate for pre-professional students, pre-pharmacy in particular.

A minimum of 77 semester credits, including:

I. Chemistry Course Requirements

(A minimum of 31 credits)		<u>Credits</u>
115	Chemical Principles <i>or</i>	
103 and 104	General Chemistry	6 *
213	Quantitative Analysis	4
218	Introduction to Inorganic Chemistry	3
274	Chemical Industry Seminar	1
325 and 326	Organic Chemistry	8
405	Applied Physical Chemistry	3
411	Survey of Industrial Chemistry	3
One course selected from the following:		3-4
318	Bioinorganic Chemistry	
352	Fundamentals of Biochemistry	
452	Biochemistry I	

II. Business Course Requirements

(A minimum of 27 credits)		
Acct 201		
and 202	Principles of Accounting I and II	6
Econ 103		
and 104	Principles of Economics	6
Fin 320	Principles of Finance	3
IS 240	Information Systems in Business	3
Mgmt 340	Organizational Behavior	3
Mktg 330	Marketing	3
One course selected from the following:		3
Mgmt 341	Operations Management	
Mgmt 345	Managing Global Organization	
Mgmt 446	Organizational Change and Development	
Mktg 336	Business Logistics Management	
Mktg 337	Professional Selling	
Mktg 433	Sales Management	
Mktg 437	Business to Business Marketing	

III. Communications Course Requirement

One course selected from the following:		2-3
Bcom 206, Business Writing, Bcom 207, Business Presentations;		
Engl 305, Communicating Scientific Subjects to General Audiences.		
Students who earn less than a B- in Bcom 206 must complete Bcom 216.		
Students who earn less than a B- in Bcom 207 must complete Bcom 307.		

IV. Other Requirements

(A minimum of 17 credits)		
Math 111 or 114	A Short Course in Calculus or Calculus I	4
Math 246	Elementary Statistics	4
Phys 211 and 212	General Physics <i>or</i>	
231 and 232	University Physics I and II	9-10

NOTE: The capstone experience is met by Chem 411.

NOTES: (1) *Only six of the ten course credits from Chem 103 and 104 count toward the major. (2) Students majoring in Chemistry with Business Emphasis must meet College of Business admission standards before they may register for upper-division (300-400 level) courses offered by the College of Business. (See the section of the catalog titled Admission to the College of Business.)

COMPREHENSIVE MAJOR:**BIOCHEMISTRY/MOLECULAR BIOLOGY, Liberal Arts (Code 090-001)**

See Interdisciplinary Majors.

COMPREHENSIVE MAJOR:**PHYSICAL SCIENCE, Teaching (Code 240-004)**

See Interdisciplinary Majors.

CHEMISTRY

MINOR: CHEMISTRY, Liberal Arts (Code 100-405)

Requirements: Twenty-four credits, including Chem 115 (or 103 and 104) and any courses selected from: Chem 213, 218, 304, 318, 325, 326, 352, 380, 405, 411, 426, 433, 434, 452, 454. Other advanced courses may be approved by petition.

MINOR: CHEMISTRY, Teaching (Code 100-406)

Requirements: Twenty-four credits, including Chem 115 (or 103 and 104). This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Chemistry in Early Adolescence through Adolescence classrooms. Candidates for the teaching minor must complete at least nine credits of upper-division (300-400 level) courses.

ALL CHEMISTRY MAJORS AND MINORS

No more than four credits can be counted from a combination of Chem 405, Chem 406, and Chem 433 toward any chemistry major or minor.

CAPSTONE EXPERIENCE FOR CHEMISTRY MAJORS

The capstone experience is met by completing Chem 412 or Biol 412 for Biochemistry/Molecular Biology majors, by Chem 411 for Chemistry with Business Emphasis majors, and by Chem 438 for other chemistry majors.

DEPARTMENTAL HONORS IN CHEMISTRY

Open to students in all chemistry programs who meet the following requirements: (1) GPA of 3.50 or higher, both cumulative and in chemistry courses. Participation in a collaborative research project with a chemistry faculty member that results in: (2) a presentation at an off-campus research conference, and (3) completion of Chem 497 with a favorable review of the manuscript by the research adviser and at least two additional faculty members.

Procedure: Students seeking *Departmental Honors* must: (1) Complete all requirements listed above. (2) Complete the *Departmental Honors Application* that includes: the application form with required signatures, a transcript, and copies of the Chem 497 manuscript and presentation abstract. (3) Forward the complete application to the *Student Affairs Committee Chair* by the date specified on the form.

NOTE: Names of *Departmental Honors* graduates must be forwarded to the University Honors Program Director and Registrar at least three weeks prior to commencement.

Department Policy on Control of Loss and Breakage. It is the intent of the Department of Chemistry to provide monetary incentives for students to maintain their work area in a responsible fashion. The cost assessed students for loss or willful breakage will be the actual face value of equipment or materials. Laboratory courses require a special course fee as well.

INFORMATION FOR ALL STUDENTS ABOUT GENERAL CHEMISTRY PLACEMENT

NOTE 1: Chem 103 (5 credits) is the first course in a two-semester general chemistry sequence while Chem 115 (6 credits) combines material from Chem 103 and Chem 104 into a single semester. Students, especially chemistry, biochemistry/molecular biology (BMB), and materials science (MSCI) majors (see Note 5), that meet the enrollment criteria described in NOTES 2 and 3 are strongly encouraged to take Chem 115 to complete General Chemistry in a single semester.

NOTE 2: High school math performance is the best predictor of success in all 100-level chemistry courses. Students who place into Math 114 or higher should almost always take Chem 115. Students who place into Math 109 or lower should take Chem 103. Students who place into Math 112 or Math 113 should consider their chemistry background and anticipated degree program when choosing between 103 and 115. Students with a strong background (see NOTE 3) in high school chemistry and who are planning to major (or minor) in chemistry, BMB, or MSCI should usually take Chem 115. Students with less chemistry preparation, or who are not planning on majoring (or minoring) in chemistry, BMB, or MSCI should probably take Chem 103.

NOTE 3: A "strong background" in high school chemistry can take several forms. Successful completion of an AP chemistry course or similarly enriched chemistry course constitutes a strong background. Successful completion of two years of high school chemistry; or one year of high school chemistry and one

year of high school physics generally provide a strong background as well.

NOTE 4: Students who start Chem 115 but, after consultation with their 115 instructor, determine that 103 is more appropriate, will be allowed to transfer to 103 during the first 2 weeks of the semester. Therefore, for close decisions between original enrollment in 103 and 115, students are encouraged to enroll in 115.

NOTE 5: Chemistry, BMB, and MSCI majors receive 6 credits toward the major for Chem 115 or Chem 103 and Chem 104. Therefore, students majoring in Chemistry, BMB, or MSCI should take Chem 115 if they meet the enrollment criteria. Students who start with Chem 103 and 104 must often enroll in multiple, 400-level courses in the major at the same time during their senior year.

CHEM

CHEM 100 Chemistry: Issues and Answers

3 crs. • Sp • GE-IIB; LS; *Special Course Fee Required* • P: No credit if taken after CHEM 101, CHEM 103, or CHEM 115.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

• 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.

CHEM 103 General Chemistry I

5 crs. • F, Sp, Su • GE-IIB; LS; *Special Course Fee Required* • P: MATH 20, or two years of college-preparatory algebra, or a suitable mathematics placement test score. High school chemistry completed. No credit if taken after or concurrently with CHEM 101 or CHEM 115.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 4

Introduction to principles of chemistry, including atomic structure, periodic properties of elements, chemical bonding, molecular structure, physical properties of compounds, chemical reactions, and stoichiometry.

CHEM 104 General Chemistry II

5 crs. • F, Sp, Su • GE-IIB; LS; *Special Course Fee Required* • P: Grade of C or above in CHEM 101 or 103. No credit if taken after CHEM 115.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 4

Continuation of Chemistry 103. Equilibrium, thermodynamic and kinetic aspects of chemical reactions; acid-base, precipitation and redox reactions; transition metal compounds; organic compounds; nuclear reactions.

CHEM 115 Chemical Principles

6 crs. • F • GE-IIB; LS; *Special Course Fee Required* • P: MATH 109, or 3 years of above-average work in college-prep MATH and a suitable math placement test score. Strong performance in at least one year of high school chemistry. No credit if taken after or concurrently with CHEM 101, CHEM 103 or CHEM 104.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 6

• See Note 3 in "Information for All Students about General Chemistry Placement."

Principles of chemistry, including chemical properties and the periodic table, atomic structure, chemical bonding, equilibria, thermodynamics, acid-base reactions, oxidation-reduction reactions and complexation reactions.

CHEM 121 Elementary Chemical Education

1 cr. • Sp • P: CHEM 101 or 103. Limited to elementary education/science majors.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

• No credit toward chemistry major or minor.

Elementary education majors will review chemical principles learned in Chemistry 101 or 103. They will then work on developing methods to teach those and related chemical principles to K-8 students.

CHEM 127 Chemistry and Climate

3 crs. • V • GE-IIB

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 1

• 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.

CHEM 150 Survey of Biochemistry

3 crs. • Wi, Sp • GE-IIB • P: Grade of C or above in CHEM 101, CHEM 103, or CHEM 115. No credit if taken after CHEM 152, IDIS 250, CHEM 325, CHEM 452, or CHEM 191 (Fall 1999-2000).

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

CHEM 191 Current Topics in Chemistry

1-3 crs. • V • GE-IIB

• 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.

CHEM 213 Quantitative Analysis

4 crs. • F, Sp, Su • *Special Course Fee Required* • P: Grade of C or above in CHEM 104 or CHEM 115, or consent of instructor.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 6

Theory, applications, and calculations involved in methods of chemical analysis.

CHEM 218 Introduction to Inorganic Chemistry

3 crs. • F, Sp • P: CHEM 104 or 115.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CHEM 274 Chemical Industry Seminar

1 cr. • Sp • P: CHEM 104 or 115 or concurrent registration.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

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.

CHEM 296 Student Academic Apprenticeship in Chemistry

1-2 crs. • F, Sp, Su • SL-Full • *May be repeated for a maximum of 4 credits* • S/U Only Grade Basis • P: 3.0 overall GPA. • *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.

CHEM 304 Environmental Chemistry

3 crs. • Sp • GE-IIB • P: CHEM 115 or 104.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CHEM 318 Bioinorganic Chemistry

3 crs. • Sp • P: CHEM 218, 321, or 325.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CHEM 325 Organic Chemistry I with Laboratory

4 crs. • F, Sp • GE-IIB; LS; *Special Course Fee Required* • P: CHEM 104 or 115 with a grade of C or above. No credit if taken after CHEM 321 or CHEM 322.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 3

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.

CHEM 326 Organic Chemistry II with Laboratory

4 crs. • F, Sp • *Special Course Fee Required* • P: CHEM 325 with a grade of C or above.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 3

Provides a deeper analysis or 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.

CHEM 352 Fundamentals of Biochemistry

4 crs. • F, Sp • P: CHEM 326 or concurrent enrollment. Credit may not be earned in both CHEM 352 and CHEM 452.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

• No more than six credits from a combination of CHEM 352 and CHEM 454 for chemistry minors, chemistry majors, 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.

CHEM 361 Molecules and Medicine

3 crs. • Sp • P: CHEM 326 and BIOL 111.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CHEM 399 Independent Study - Juniors

1-3 crs. • F, Sp, Su • *May be repeated* • P: Minimum junior standing. • *Department Consent Required*

Individual research projects under the direction of a faculty member.

CHEM 401/601 Inorganic Chemistry

3 crs. • Sp odd years • P: CHEM 218; and CHEM 433 or concurrent registration.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CHEM 405 Applied Physical Chemistry

3 crs. • Sp odd years • P: CHEM 213, 218, 326; MATH 111 or 114; PHYS 211, 212. No credit if taken after CHEM 433 or 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.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Includes the following topics, with an emphasis on applications: thermodynamics, kinetics, electrochemistry, phase equilibria, properties of solutions, spectroscopy, and quantum theory.

CHEM 406 Biophysical Chemistry

4 crs. • F • P: CHEM 352 or 452; PHYS 212 or 232; MATH 111 or 114. No credit if taken after CHEM 433 or 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. • *Instructor Consent Required*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

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.

CHEM 411/611 Survey of Industrial Chemistry

3 crs. • F • CP; Field Trip(s) Required • P: CHEM 218 and CHEM 326.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

CHEM 412 Biochemistry/Molecular Biology Seminar

1 cr. • Sp • CP • P: Credit may not be earned in both BIOL 412 and CHEM 412.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

• Capstone experience for Biochemistry/Molecular Biology majors.

A weekly seminar series in biochemistry/molecular biology. Presentations by UW-Eau Claire students and faculty and invited speakers are based on original research or recently published papers. All enrolled students give one talk.

CHEM 420 Advanced Synthesis Laboratory

2 crs. • F • *Special Course Fee Required* • P: CHEM 218 and CHEM 326 or 323. No credit if taken after CHEM 324.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

An advanced, interdisciplinary laboratory experience with emphasis on the synthesis, purification, and spectroscopic characterization of inorganic and organic compounds.

CHEM 426/626 Modern Organic Chemistry

3 crs. • F even years • P: CHEM 326

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Selected advanced topics in organic chemistry, including reaction mechanisms and synthesis, with emphasis on recent developments in the field.

CHEM 433/633 Physical Chemistry I

4 crs. • F • P: CHEM 213, 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.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

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.

CHEM 434/634 Physical Chemistry II

4 crs. • Sp • P: CHEM 433

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

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.

CHEMISTRY

CHEM 438/638 Physical Analysis Laboratory

2 crs. • Sp • CP; *Special Course Fee Required* • P: CHEM 434 or concurrent registration.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

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.

CHEM 442/642 Instrumental Analysis

3 crs. • Sp even years • P: CHEM 218; CHEM 434 or concurrent enrollment and CHEM 438 or concurrent enrollment.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

The theory, operation, and analytical applications of chemical instrumentation, including areas such as spectroscopy, separation science, and electrochemistry.

CHEM 444 Modern Applied Separations and Spectrometry

3 crs. • F • *Special Course Fee Required; Field Trip(s) Required* • A-F Grades Only • P: CHEM 213, CHEM 218, and CHEM 326 or concurrent enrollment.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 3

Laboratory-centered instruction in the application of modern chromatography (GC and HPLC) spectrometry (MS, UV/Vis and FT-IR) to the analysis of real-world samples. Emphasis on preparation to BS-level careers in chemical industry.

CHEM 452/652 Biochemistry I

3 crs. • F • P: CHEM 326 or CHEM 323. *Credit may not be earned in both CHEM 352 and CHEM 452.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CHEM 453/653 Biochemistry Laboratory I

2 crs. • F • *Special Course Fee Required* • P: CHEM 213; CHEM 452 or concurrent registration. • *Instructor Consent Required*

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 4

Study of experimental methods of analysis in biochemistry and their use in determination of structure and function.

CHEM 454/654 Biochemistry II

3 crs. • Sp • P: CHEM 452

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study of advanced concepts in biochemistry, especially those involving metabolism and their regulatory mechanism of action.

CHEM 455/655 Biochemistry Laboratory II

2 crs. • Sp • *Special Course Fee Required* • P: CHEM 453 • *Instructor Consent Required*

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 4

A project-based laboratory that explores experimental techniques for the isolation, purification, and characterization of biological materials. Emphasis will be placed on state-of-the-art methodology and/or instrumentation.

CHEM 460/660 Polymer Chemistry

3 crs. • Wi, Sp • P: *Grade of C or above in CHEM 326.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CHEM 491 Special Topics

1-3 crs. • V • *Special Course Fee Required* • P: *Minimum junior standing.* • *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. • F, Sp, Su • *May be repeated* • P: *15 credits in college CHEM courses.* • *Department Consent Required*

Course projects will be structured to fit the needs, interests, and goals of the students.

CHEM 497 Independent Study (ACS)

1-3 crs. • F, Sp, Su • *May be repeated for a maximum of 6 credits* • P: *Minimum junior standing.* • *Department Consent Required*

• College of Arts and Sciences rules governing independent study apply.

Individual research projects under the direction of a faculty member. A comprehensive written report describing the work completed, including an appropriate bibliography, is required.

CHEM 499 Independent Study - Seniors

1-3 crs. • F, Sp, Su • *May be repeated* • P: *Minimum senior standing.* • *Department Consent Required*

Individual research projects under the direction of a faculty member.

104

Communication and Journalism

HIBBARD HUMANITIES HALL 152

(715) 836-2528

<http://www.uwec.edu/cj/index.htm>

MARY HOFFMAN, CHAIR

TERRENCE CHMIELEWSKI, LIZ DANKO-CHMIELEWSKI, MICHAEL DORSHER, JANET DRIEVER, MARTHA FAY, WON YONG JANG, JACK KAPPER, XIAODONG KUANG, JAN LARSON, ELLEN MAHAFFY, KAREN MORRIS, EUN SOO RHEE, MAUREEN SCHRINER, NICOLE SCHULTZ, JUDY SIMS, DAVID TSCHIDA, GANGA VADHAVKAR, KELLY JO WRIGHT.

The Department of Communication and Journalism faculty are committed to a philosophy emphasizing the development, integration, and practical application of theories, knowledge, and skills related to communication and journalism. Communication and journalism are crucial to a democratic society. Both require citizens to share and challenge information.

DEPARTMENTAL GOALS

To prepare students for responsible roles in communication and journalism, the department offers diversified curricula in which all students can expect to develop in these areas:

1. awareness and knowledge of communication processes in diverse cultural, social, legal, and ethical contexts;
2. critical and analytical thinking;
3. research and information-gathering skills; and
4. oral, written, and visual communication skills.

AREAS OF EMPHASIS

The department offers majors and minors in Communication, Journalism, and Mass Communication with the following options for areas of emphasis:

- **Communication majors/minors:**
 - Communication: Organizational Communication
 - Communication: Communication Studies
- **Journalism major and minor**
- **Mass Communication majors/minors:**
 - Mass Communication: Advertising
 - Mass Communication: Public Relations

INFORMATION FOR MAJORS

No student may have both a major and a minor from the Department of Communication and Journalism. No major or minor credit may be earned under the Satisfactory/Unsatisfactory option. Students majoring in Communication, Journalism, and Mass Communication may not include CJ courses in a topical minor without prior, written approval of the department chair.

Most upper division courses (numbered 300 and above) required in major and minor programs are available only to students who have completed prerequisite courses with grades of C or above and whose total and resident GPAs are 2.50 or higher.

Students who choose a major in Mass Communication or Journalism must meet curriculum accreditation standards set by the Accrediting Council on Education in Journalism and Mass Communications (ACEJMC).

Accreditation standards require that students complete 80 credits of coursework unrelated to their major, including 65 credits in Arts and Sciences courses unrelated to their major.

CORE CURRICULUM

All students majoring or minoring in Communication and Journalism must take CJ 105 as a major/minor requirement.

Students majoring or minoring in Communication and Journalism must also take CJ 202 in fulfillment of their GE-IA requirement. The prerequisite for CJ 202 is completion of Engl 110 (or equivalent) with a grade of C (not C-) or above. CJ 202 will count as part of the 80 credits of coursework unrelated to specific majors as required by the ACEJMC.

ADVISING INFORMATION

Students contemplating a major or minor in Communication or Journalism should arrange to meet with the department intake adviser for information regarding degree requirements. Students who declare a major in the Department of Communication and Journalism as juniors or seniors should not expect to finish the courses required for that major in fewer than four semesters. When completing the paperwork to declare this major, it is particularly important for students to work out the course sequencing necessary to finish in a timely manner.

Communication and Journalism departmental policy specifies that any student who is absent from the first day of class without prior approval of the course instructor may be dropped from the class in order to make room for other students.

MAJOR: COMMUNICATION, Liberal Arts

Organizational Communication Emphasis (Code 583-250)

This emphasis assists students in the development of professional, group, and interpersonal communication skills that enable them to enhance the communities, organizations, and societies in which they live and work. Students learn to analyze, develop, and deliver messages to a variety of stakeholders.

Communication: Organizational Communication majors must complete 36 credits that include the following core and organizational communication elective credits, and six credits of electives in CJ courses.

Core: 21 credits

- CJ 105 Communication in the Information Age
- CJ 250 Introduction to Organizational Communication
- CJ 300 Research Methods
- CJ 307 Small Group Communication
- CJ 355 Strategic Message Design
- CJ 357 Professional Communication
- CJ 459 Communication Research Seminar (capstone)

Organizational Communication Electives

9 credits from the following:

- CJ 184 Multimedia Communication
- CJ 201 Introduction to Interpersonal Communication
- CJ 301 Intercultural Communication
- CJ/Wmns 317 Diversity & Communication: Organizational & Media Contexts
- CJ 350 Human Resource Development
- CJ 351 Strategic Event Planning
- CJ 407 Leadership Communication
- CJ 452 Health Communication
- CJ 498 Internship

CJ electives: 6 credits

MINOR: COMMUNICATION, Liberal Arts

Organizational Communication (Code 583-450)

Students must complete 24 credits that include CJ 105, 250, 300, 355, and 357; and nine credits from the following: CJ 184, 201, 301, 307, 317, 350, 351, 406, 407, 452.

MAJOR: COMMUNICATION, Liberal Arts

Communication Studies Emphasis (Code 583-201)

This emphasis teaches students to analyze and enhance human communication through courses in theory, research and practice. After completing a common core of courses, majors in this emphasis specialize in either the study of how communication builds and maintains relationships (Interpersonal Communication) or how messages in political and popular culture influence society (Rhetoric and Popular Culture).

Communication Studies majors must complete 36 credits that include the following core courses, one of the following course sequences; and nine credits of electives in CJ courses.

Core: 15 credits

- CJ 105 Communication in the Information Age
- CJ 206 Human Communication Theory
- CJ 207 Introduction to Rhetoric and Society
- CJ 300 Research Methods
- CJ 459 Communication Research Seminar (capstone)

Sequence Requirement, students must select one sequence: 12 credits

Interpersonal Communication

- CJ 201 Introduction to Interpersonal Communication
- CJ 301 Intercultural Communication
- CJ 312 Gender and Communication
- CJ 405 Communication and Conflict

Rhetoric and Popular Culture

- CJ 310 Communication Analysis
- CJ 314 Mass Media and Popular Culture
- CJ/Wmns 317 Diversity & Communication: Organizational & Media Contexts
- CJ 406 Persuasion

CJ electives: 9 credits

MINOR: COMMUNICATION, Liberal Arts

Communication Studies (Code 583-401)

Students must complete 24 credits that include CJ 105, 206, 207 and 300; and 12 credits from the following: CJ 201, 205, 301, 307, 310, 314, 406; CJ/Wmns 317.

MAJOR: JOURNALISM, Liberal Arts (Code 560-206)

Understanding the role of journalism in a democratic society is the goal of this major. This major prepares students to inform citizens and enhance democracy by gathering, writing, editing and delivering news across multiple platforms.

Journalism majors must complete 36 credits that include the following core courses, CJ 425 OR 426 OR 427, and nine credits of electives in CJ courses.

- CJ 105 Communication in the Information Age
- CJ 184 Multimedia Communication
- CJ 222 Beginning Journalism
- CJ 303 Research Methods for Journalists
- CJ 321 Intermediate Journalism
- CJ 412 Mass Media Ethics
- CJ 414 Mass Media Law
- CJ 429 Digital Newsroom (capstone)

Advanced Journalism students must select one course: 3 credits

- CJ 425 Advanced Visual Journalism
- CJ 426 Advanced Broadcast TV News
- CJ 427 Advanced Reporting and Editing

CJ electives: 9 credits

MINOR: JOURNALISM, Liberal Arts (Code 560-406)

Students must complete 24 credits that include CJ 105, 184, 222, 303, 412, and nine credits of electives in CJ courses.

MAJOR: MASS COMMUNICATION, Liberal Arts

Advertising Emphasis (Code 584-205)

Understanding the objectives, message concepts, and strategies which underlie advertising is the goal of this sequence. Students are prepared to conduct research, establish goals, create messages, and implement plans.

COMMUNICATION AND JOURNALISM

Advertising majors must complete 36 credits that include the courses listed below and six credits of electives in CJ courses.

CJ 105	Communication in the Information Age
CJ 265	Fundamentals of Advertising
CJ 300	Research Methods
CJ 362	Advertising Media Planning
CJ 365	Advertising Writing and Design
CJ 412	Mass Media Ethics
CJ 414	Mass Media Law
CJ 460	Advertising Account Management
CJ 464	Advertising in Contemporary Society
CJ 466	Advertising Campaigns (capstone)

CJ electives, 6 credits: CJ 361 Advertising Account Planning recommended

MINOR: MASS COMMUNICATION, Liberal Arts

Advertising (Code 584-405)

Students must complete 24 credits that include CJ 105, 265, 300, 362, 365, and 460; and 6 credits of electives in CJ courses.

MAJOR: MASS COMMUNICATION, Liberal Arts

Public Relations Emphasis (Code 584-270)

The goal of this emphasis is to understand objectives and strategies that shape the information delivered to publics. Students are prepared to analyze, design, and manage public relations messages.

Public Relations majors must complete 36 credits that include the courses listed below and six credits of electives from any CJ courses.

CJ 105	Communication in the Information Age
CJ 184	Multimedia Communication
CJ 222	Beginning Journalism
CJ 270	Introduction to Public Relations
CJ 300	Research Methods
CJ 373	Writing for Public Relations
CJ 374	Public Relations Campaign Planning
CJ 412	Mass Media Ethics
CJ 414	Mass Media Law
CJ 479	Public Relations Management (capstone)

CJ electives: 6 credits

MINOR: MASS COMMUNICATION, Liberal Arts

Public Relations (Code 584-470)

Students must complete 24 credits that include CJ 105, 184, 222, 270, 300, 373, 374, and either CJ 412 or 414.

CERTIFICATE PROGRAM

The **Certificate in Organizational Communication** complements majors in every area of study by developing professional, group, and interpersonal communication skills that enable students to contribute to, and better serve, the communities, organizations and societies in which they live and work. Students in any field must be able to analyze, develop and deliver messages to a variety of stakeholders. The Certificate in Organizational Communication helps students hone these abilities by highlighting the role of communication in organizational effectiveness, and engaging students in both theory and practice. The elective course options for the certificate allow students to focus on the specific communication skills that apply most directly to their particular interests or career aspirations.

The Certificate in Organizational Communication is open to all students except for those majoring or minoring in communication with an organizational communication emphasis. In order to enroll in certificate courses numbered 300 or higher, students must maintain a minimum 2.5 residential and overall GPA. To earn an Organizational Communication Certificate, students must earn a C+ or above in all certificate courses and earn a total GPA of 2.5 or higher in the certificate courses.

Students pursuing an Organizational Communication Certificate are required to complete 12 credits toward the certificate.

Required courses (6 crs) include:

CJ 250	Introduction to Organizational Communication
CJ 355	Strategic Message Design

The remaining six credits are to be selected from:

CJ 184	Multimedia Communication
CJ 201	Introduction to Interpersonal Communication
CJ 206	Human Communication Theory
CJ 301	Intercultural Communication <i>or</i>
CJ/Wmns 317	Diversity & Communication: Organizational & Media Contexts
CJ 307	Small Group Communication
CJ 350	Human Resource Development
CJ 351	Strategic Event Planning
CJ 357	Professional Communication
CJ 406	Persuasion
CJ 407	Leadership Communication

For advising, or to record certificate completion, contact Professor M. Hoffman (HHH-156) Communication and Journalism.

EXTRA-CURRICULAR OPPORTUNITIES

Communication, Journalism, and Mass Communication majors and minors are urged to obtain practical experience from work with campus media and/or professional organizations.

Students may apply for opportunities to work for the award-winning student newspaper, *The Spectator*, or become a member of the nationally-ranked forensics squad. WUEC-FM also offers practical media experience to students.

For more information about the Communication and Journalism Department, its programs, and its faculty, visit the Department's homepage at www.uwec.edu/cj.

CJ

CJ 100 Introduction to Forensics

1 cr. • F • AC

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 1

• May be taken once for credit and in combination with 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.

CJ 105 Communication in Contemporary Society

3 crs. • F, Sp • GE-IA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CJ 111 Gender, Race, Class, and Communication: The Social Construction of Identity

3 crs. • V • CD1; GE-IA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both CJ 111 and WMNS 111.

Students investigate ways in which perceptions of, and experiences with, gender, race, and class are communicatively constructed. Focus on communication theories and methods and how gender, race, and class influence personal, group, and organizational communication.

CJ 184 Multimedia Communication

3 crs. • F, Sp • Special Course Fee Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

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.

CJ 201 Introduction to Interpersonal Communication

3 crs. • F, Sp • GE-IA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CJ 202 Fundamentals of Speech

3 crs. • F, Wi, Sp, Su • CD1; GE-IA • P: No credit if taken after CJ 204.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• No credit toward CJ major or minor.

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.

CJ 205 Listening

3 crs. • F, Sp • GE-IA • P: Grade of C or above in ENGL 110 or equivalent. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CJ 206 Human Communication Theory

3 crs. • F

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CJ 207 Introduction to Rhetoric and Society

3 crs. • Sp • GE-IA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CJ 222 Beginning Journalism

3 crs. • F, Sp • P: Grade of C or above in ENGL 110 or equivalent. Grades of C or above in CJ 105 and CJ 184. Minimum sophomore standing.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

• 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.

CJ 241 Audio and Video Production Process

3 crs. • V • Special Course Fee Required • P: Grade of C or above in ENGL 110 or equivalent.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

Strategies for communicating messages and ideas via the radio and television media; introduction to basic radio and television production equipment, techniques, and vocabulary.

CJ 250 Introduction to Organizational Communication

3 crs. • F, Sp • GE-IA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Communication theories, concepts, skills, and insights required of organizational newcomers are emphasized.

CJ 265 Fundamentals of Advertising

3 crs. • F, Sp

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Current theories on advertising's influence on consumer behavior and society. Advertising's scope, function, and structure in the mass media.

CJ 270 Introduction to Public Relations

3 crs. • F, Sp • GE-IA • P: Grade of C or above in CJ 105 and in ENGL 110 or equivalent. No credit if taken after JOUR 351.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Introduction to public relations as strategic communications. Topics include history, contemporary practice, multiple media, strategic communications, ethics, the law, and the functions of public relations in society.

CJ 273 The Literature of Fact

3 crs. • V

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

CJ 280 Visual Communication

3 crs. • V • GE-IA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A survey of visual messages in a variety of media. Emphasis on evaluating the internal qualities of visual communication—shape, type, color—and external qualities such as history and culture.

CJ 284 Introduction to Photography

3 crs. • F, Sp • Special Course Fee Required • P: Not available for juniors or seniors.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

• 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.

CJ 300 Research Methods

3 crs. • F, Sp • P: Completion of 45 credits; grades of C or above in CJ 105 and one of the following: CJ 206, 222, 250, 265, 270. Minimum resident and total GPA of 2.50. Limited to communication and mass communication majors and minors.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 1

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.

CJ 301 Intercultural Communication

3 crs. • F, Sp • CD2; GE-IA • P: Grade of C or above in CJ 201 or 202. Minimum sophomore standing. Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Develops an awareness, appreciation, and understanding of the complexity of communicating across different cultures. Analysis and application of appropriate principles and theories.

CJ 303 Research Methods for Journalists

3 crs. • F, Sp • P: Grades of C or above in CJ 105, CJ 184, CJ 222. Limited to journalism majors and minors. Minimum resident and total GPA of 2.5.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 1

Study of research methods for critically analyzing, gathering, calculating, and displaying data (quantitative and qualitative) for informative and interesting news stories.

CJ 307/507 Small Group Communication

3 crs. • F, Sp • GE-IA • P: Minimum sophomore standing. Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Theories, concepts, and skills to improve small group communication. Includes principles of group dynamics, decision-making, problem-solving, interpersonal conflict, leadership, and team-building.

CJ 310/510 Communication Analysis

3 crs. • F • P: CJ 207. Minimum resident and total GPA of 2.50. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A study of the methods for analysis of messages and their application to examples of contemporary communication.

CJ 311 Mass Media History

3 crs. • V • P: Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Highlights the origins, growth, and evolution of America's mass media from their early Western European background to the diversity of the modern day.

CJ 312 Communication and Gender

3 crs. • V • GE-IA • P: CJ 201. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CJ 314 Mass Media and Popular Culture

3 crs. • F • GE-IA • P: CJ 105

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CJ 317 Diversity & Communication: Organizational & Media Contexts

3 crs. • V • GE-IA • P: Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both CJ 317 and WMNS 317.

Reading, writing, and discussion about how gender, race, class, sexual-orientation, (dis)ability, and psychographics intersect in organizational and media contexts. Emphasizes collaborative learning, research, and activism to analyze perceptions, language choices, and behaviors surrounding diversity.

COMMUNICATION AND JOURNALISM

CJ 319 International Communication

3 crs. • V • GE-IA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

The structure and content of mass communication around the world. Problems in the flow of information both within and among nations.

CJ 321 Intermediate Journalism

3 crs. • F, Sp • P: CJ 303 or concurrent enrollment; grades of C or above in CJ 105, 184, and 222. Minimum resident and total GPA of 2.50. Limited to journalism majors and minors.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

Study and practice of news reporting, writing and editing. Special attention given to producing important and interesting stories for peer audiences of print, broadcast and multimedia digital news.

CJ 350/550 Human Resource Development

3 crs. • F, Sp • P: Grades of C or above in CJ 300 and CJ 307, or grades of C or above in BSAD 280 and MGMT 340. Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Introduction to the human resource development field, emphasizing training and development. HRD needs assessment; design, delivery, and evaluation of programs for employee development.

CJ 351/551 Strategic Event Planning

3 crs. • F • SL-Half; Field Trip(s) Required • P: Grades of C or above in CJ 250 or CJ 265 or CJ 270. Minimum junior standing. Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CJ 355/555 Advanced Organizational Communication: Strategic Message Design

3 crs. • Sp • P: Grades of C or above in CJ 202 and CJ 250. Minimum junior standing. Minimum resident and total GPA of 2.5.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CJ 357/557 Professional Communication

3 crs. • F, Sp • P: Grade of C or above in CJ 202. Minimum junior standing. Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Theories, skills, and strategies needed to become an effective communicator in business and professional settings. Special attention given to developing ethical and mindful interviewing and professional speaking skills and strategies.

CJ 361 Advertising Account Planning

3 crs. • F, Sp • P: Grade of C or above in CJ 265 or consent of instructor. Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Provides the crucial bridge between consumer research and creative execution. Tools and skills used by the account planner will be explored in detail, culminating with the Creative Brief. The final-project portfolio will demonstrate students' knowledge.

CJ 362 Advertising Media Planning

3 crs. • F, Sp • P: Grades of C or above in CJ 105, CJ 265, and CJ 300. Limited to communication, journalism, and mass communication majors and minors. Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Understanding the basic principles, objectives, and research data by which media plans are devised and strategically implemented.

CJ 365 Advertising Writing, Design and Portfolio Development

4 crs. • F, Sp • P: Grades of C or above in CJ 105, CJ 265, and CJ 300. Limited to communication, journalism, and mass communication majors and minors. Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

Principles and practice of advertising message development using writing and design skills. Emphasis on portfolio development, strategic planning, concept formation, and idea presentation.

CJ 370 Magazine Editing and Design

3 crs. • V • P: Minimum resident and total GPA of 2.50. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study of editorial, business, and administrative procedures for general and special interest magazines. Production of prospectus and an original on-line magazine.

CJ 373 Writing for Public Relations

3 crs. • F, Sp • P: Grades of C or above in CJ 222, CJ 270, and CJ 300. Grade of C or above ENGL 110 or equivalent. Minimum sophomore standing. Minimum resident and total GPA of 2.50. Limited to communication, journalism, and mass communication majors and minors.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

Instruction and practice designed to develop the professional writing skills expected of public relations practitioners, emphasizing the different approaches required for different audiences and media. Topics include print writing, broadcast writing, and internet/social media writing.

CJ 374 Public Relations Campaign Planning

3 crs. • F, Sp • P: Grades of C or above in CJ 270 and CJ 300. Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Planning process for designing and evaluating communication campaigns. Topics include issues management, research techniques, research design, the campaign process, program evaluation, and formative/evaluative monitoring.

CJ 380 Visual Communication Graphics

3 crs. • V • Special Course Fee Required • P: Grade of C or above in CJ 280 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Advanced study of graphic details that set an expert communicator's work apart from others' work. Course activities emphasize problem-solving to meet the unique needs of individual visual projects.

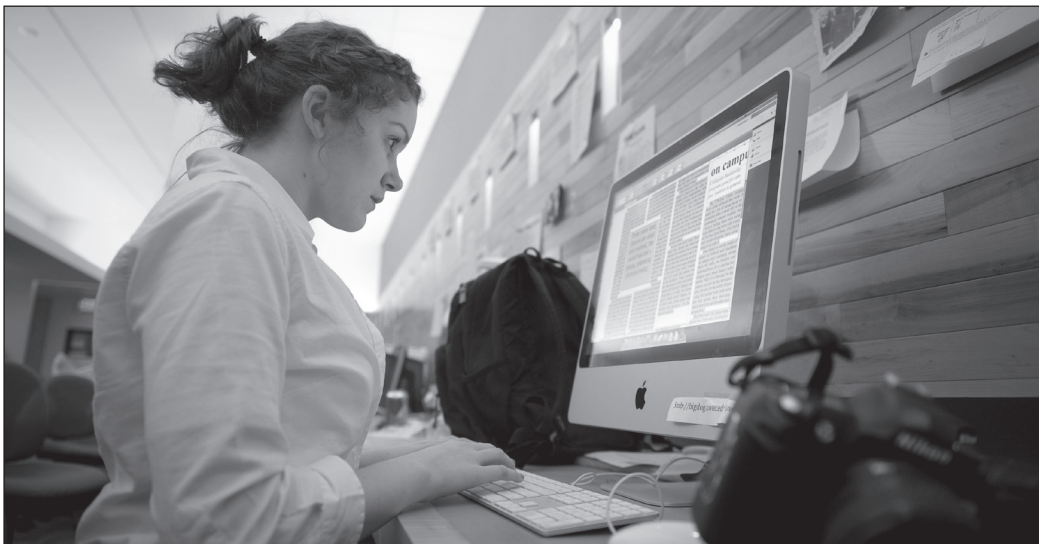
CJ 384 Advanced Photocommunication

3 crs. • V • Special Course Fee Required • P: Grade of B or above in CJ 284 or ART 281. Minimum sophomore standing.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

• Students must have their own 35 mm camera in order to enroll in this course. 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.



CJ 390 Communication in Interpersonal and Cultural Contexts

3 crs. • V • BPS Flat Rate Tuition • A-F Grades Only • P: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies degree.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• No credit for major or minor in Communication, Mass Communication or Journalism.

Emphasizes skills and knowledge for competent communication in interpersonal contexts and in globally and domestically diverse situations. Analysis and application of principles and theories including conflict, self-concept and self-presentation within and between diverse populations.

CJ 391 Communication in Organizations: Perspectives and Applications

3 crs. • V • BPS Flat Rate Tuition • A-F Grades Only • P: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies degree.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• No credit for major or minor in Communication, Mass Communication or Journalism.

Explores the role of competent communication in organizational effectiveness and member satisfaction. Review major perspectives and key theories of organizational communication, and builds skills for leadership and management in corporate and community organizations.

CJ 392 Communication in Teams and Groups

3 crs. • V • BPS Flat Rate Tuition • A-F Grades Only • P: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies degree.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• No credit for major or minor in Communication, Mass Communication or Journalism.

Theories, concepts and skills to enhance communication in community and professional groups and teams. Includes problem-solving, decision-making, conflict resolution, team-building, and leadership.

CJ 397 Student Academic Apprenticeship

1-3 crs. • F, Sp • May be repeated for a maximum of 6 credits • P: 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. • Department Consent Required

Qualified students, selected and supervised by faculty members, facilitate teaching and learning in a specific course or courses.

CJ 399 Independent Study - Juniors

1-3 crs. • F, Sp • May be repeated • P: Minimum junior standing. • Department Consent Required.

CJ 405 Communication and Conflict

3 crs. • Sp • P: Grades of C or above in CJ 201 and CJ 206; CJ 300 or concurrent enrollment. Minimum resident and total GPA of 2.5.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CJ 406/606 Persuasion

3 crs. • F • GE-IA • P: Grade of C or above in CJ 202. Minimum resident and total GPA of 2.50. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Theoretical perspectives for the study, analysis, and design of persuasive communication. Emphasis on ethical, logical, and psychological bases of persuasion.

CJ 407/607 Leadership Communication

3 crs. • V • P: Grades of C or above in CJ 300 and CJ 307, or grades of C or above in MGMT 340 and MATH 245 or 246. Minimum junior standing. Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CJ 409 Communication Seminar

3 crs. • V • P: Grades of C or above in CJ 206, 300, 301, 307, 310, 406. Minimum resident and total GPA of 2.50. Minimum senior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study and analysis of the roles of interpersonal, small group, and public communication in historical and contemporary American society, including issues of gender and diversity.

CJ 412 Mass Media Ethics

3 crs. • F, Sp • GE-IA • P: Minimum resident and total GPA of 2.50. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study of ethical theories and their application to mass media ethical problems.

CJ 414/614 Mass Media Law

3 crs. • F, Sp • P: Grade of C or above in CJ 300. Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

American law as applied to mass communication constitutional guarantees, libel, privacy, access to information, fair trial vs. free press, source protection, contempt of court, obscenity, copyright, regulation of advertising, broadcasting, and media as a business.

CJ 425 Advanced Visual Journalism

3 crs. • F • Special Course Fee Required • P: Grades of C or above in CJ 105, CJ 184, CJ 222, CJ 300, and CJ 321. Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

• Students must have access to a 35mm DSLR camera.

An advanced course that explores effective visual journalism for a variety of publications, including newspaper, magazine and web.

CJ 426 Advanced Broadcast TV News

3 crs. • F, Sp • Special Course Fee Required • P: Grades of C or above in CJ 184, 303, 321. Limited to journalism majors and minors. Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 1

Advanced instruction in television news. Includes reporting, writing, shooting TV news stories as well as production of weekly television newscasts.

CJ 427 Advanced Reporting and Editing

3 crs. • F, Sp • SL-Full • P: Grades of C or above in CJ 303 and CJ 321. Limited to journalism majors and minors. Minimum sophomore standing. Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

Study and use of advanced reporting and editing techniques required to produce news across media platforms with an emphasis on managing news online.

CJ 429 Digital Newsroom

3 crs. • F, Sp • CP • P: Grades of C or above in CJ 184, CJ 222, CJ 303, and CJ 321. Grades of C- or above in CJ 425 or CJ 426 or CJ 427. Completion of or concurrent enrollment in CJ 412 and CJ 414. Limited to journalism majors and minors. Minimum senior standing. Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

• 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.

CJ 450/650 Human Resource Development Seminar

3 crs. • V • SL-Half • P: Grade of C or above in CJ 350. Minimum resident and total GPA of 2.50. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Advanced study of human resource development: emerging issues in HRD; performance management and coaching; management development; organization development and change; HRD in a culturally-diverse environment.

CJ 452/652 Health Communication

3 crs. • F • P: Minimum resident and total GPA of 2.50. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study and use of communication strategies to inform and influence individual and community decisions that enhance health.

CJ 459 Communication Research Seminar

3 crs. • F, Sp • SL-Optional; CP • P: Grades of C or above in CJ 300; and CJ 312 and CJ 405, or CJ 310 and CJ 406, or CJ 355; at least 24 credits in CJ courses. Limited to Organizational Communication and Communication Studies majors. Minimum senior standing. Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

CJ 460 Advertising Account Management

2 crs. • F, Sp • P: Grades of C or above in CJ 265, CJ 300, CJ 362, and CJ 365. Limited to advertising majors and minors. Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

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.

CJ 464 Advertising in Contemporary Society

3 crs. • F, Sp • P: Grades of C or above in CJ 265, CJ 300, CJ 362, and CJ 365. Minimum senior standing. Minimum resident and total GPA of 2.50. Limited to Mass Communication Advertising emphasis majors and minors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Course examines advertising's impact on society, focusing on advertising and social, legal, economic, ethical, diversity, and global issues.

COMMUNICATION AND JOURNALISM

CJ 466 Advertising Campaigns

3 crs. • F, Sp • CP • P: Grades of C or above in CJ 265, CJ 300, CJ 362, and CJ 365; CJ 460 or concurrent. Limited to Mass Communication Advertising Emphasis majors. Minimum senior standing. Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Capstone course for Mass Communication Advertising Emphasis majors.

Preparation of multimedia advertising campaigns, bringing together all aspects of the marketing communications campaign process. Especially valuable for students planning a career in advertising and marketing communications.

CJ 470 PR Crisis Communication Campaigns

3 crs. • V • P: Grades of C or above in CJ 270 or CJ 300. Minimum resident and total GPA of 2.50. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CJ 479 Public Relations Management

3 crs. • F, Sp • SL-Full; CP • P: Grades of C or above in CJ 373 and CJ 374. Limited to Mass Communication-Public Relations emphasis. Minimum resident and total GPA of 2.50.

Practicum Hours: 3 | Lab/Studio Hours: 0

• Capstone experience for public relations emphasis.

Principles of public relations management and their application to a community-based case and issue. Emphasis on campaign planning, message analysis, use of media to deliver a campaign, and creation of campaign tactics. Practicum.

CJ 490 Seminar

1-3 crs. • V • May be repeated • P: 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.

CJ 491 Special Topics

1-3 crs. • V • May be repeated for a maximum of 9 credits

• 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.

CJ 492 Analyzing and Improving Organizational Communication

3 crs. • V • BPS Flat Rate Tuition • A-F Grades Only • P: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies degree.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

CJ 495/695 Directed Studies

1-3 crs. • F, Sp • May be repeated for a maximum of 3 credits • P: Minimum junior standing. • Department Consent Required

Study of special topics structured to fit the needs, interests, and goals of the students.

CJ 497 Advanced Student Academic Apprenticeship

1-3 crs. • V • May be repeated for a maximum of 6 credits • P: 24 credits and 3.00 GPA in CJ courses; B or above in C J 397 and in the course in which the student will be apprenticed. Minimum senior standing. Minimum resident and total GPA of 3.00. • 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.

CJ 498 Internship

1-3 crs. • F, Sp, Su • SL-Full; IN • May be repeated for a maximum of 3 credits • P: 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. • 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.

CJ 499 Independent Study - Seniors

1-3 crs. • F, Sp • May be repeated • P: Minimum senior standing. • Department Consent Required

Computer Science

PHILLIPS 130

(715) 836-2526

<http://www.cs.uwec.edu/index.php>

JOLINE MORRISON, CHAIR

PETER BUI, CHRISTOPHER JOHNSON, C. MICHAEL MORRISON, DANIEL STEVENSON, JACK TAN, MICHAEL WICK.

Honor Societies and Student Organizations: ACM, WITS

Computer Science and Software Engineering are disciplines that combine concepts from mathematics, science, and engineering into a coherent and disciplined study of the software and hardware required for computation. The programs offered by the UW-Eau Claire Department of Computer Science provide the fundamental education necessary to prepare students for positions in industry or to pursue graduate study. The curriculum is organized so that graduates will be able to meet immediate demands for solving computational problems or designing state-of-the-art computer systems, yet also have an understanding of the basic principles and concepts in computer science needed to avoid technological obsolescence in a rapidly changing environment. This program is intended to produce computer science professionals, not merely technicians with some training in computer software and hardware. Success requires a strong aptitude in mathematics.

The Program for Majors and Minors

Department faculty constantly examine the curriculum to ensure that students gain both the breadth and depth of knowledge needed to be successful in careers in business and industry, or in graduate school. The major/minor curriculum includes:

- Introductory courses which cover the basic principles of Computer Science.
- The use of object-oriented and other programming paradigms.
- An integrated blend of courses which cover the tools, knowledge, problem-solving, and programming techniques that form the basis for a successful career.
- A capstone experience.

MAJOR: COMPUTER SCIENCE, Software Engineering
Liberal Arts (Code 170-205)

This major is recommended for students who desire a strong foundation in software design and development. A minimum of 42 semester credits, including:

- The Software Engineering core: CS 145, 146, 245, 252, 260, 268, 330, 335, 352, 355, 362, 396, and 485 (capstone course) (39 crs.)
- A Computer Science elective, selected from one of the following:
 - A minimum of three credits of electives chosen from the following Computer Science courses not already included in the Software Engineering core: CS 278, 291, 321, 322, 370, 388, 399, 420, 450, 455, 462, 491; or other courses designated by the department (three-four crs.; recommended for students considering industry employment); or
 - Six credits from CS 482 and CS 492 (additional capstone and research experience; recommended for students considering graduate school).

NOTE 1: Math 114 or equivalent is required.

NOTE 2: Math 314 or equivalent is required.

NOTE 3: CJ 202, Engl 305, or Engl 308 must be used to satisfy the GE-IA requirement if a student has not satisfied the requirement on entry to the University (three crs.)

COMPREHENSIVE MAJOR: COMPUTER SCIENCE, Liberal Arts
(Code 170-030)

This major is recommended for students who desire a strong foundation in software design and development, computer systems and networking, and mathematics. A minimum of sixty semester credits, including:

1. The Computer Science core: CS 145, 146, 245, 252, 260, 268, 330, 335, 352, 355, 362, 396, and 462 (capstone course) (39 crs.)
2. The Mathematics core: Math 114, 215, 314, and either 246 or 345 (15 crs.)
3. A Computer Science elective, selected from one of the following:
 - a. A minimum of six credits of electives chosen from the following and not already included in the Computer Science core: CS 278, 291, 321, 322, 370, 388, 399, 420, 450, 455, 485, 491; or other courses designated by the department (six-seven crs.; recommended for students considering industry employment); or
 - b. Six credits from CS 482 and CS 492 (additional capstone and research experience; recommended for students considering graduate school).

For a degree in Computer Science, a student must:

1. Complete CJ 202 or Engl 305 or Engl 308 (satisfies GE-IA);
2. Complete Phil 308 (satisfies GE-IVB);
3. Complete one lab science sequence chosen from:
 - a. Phys 211 and 212 (nine crs.), plus a minimum of three additional credits of science courses chosen from the list of allowed courses, or
 - b. Phys 231 and 232 (ten crs.), plus a minimum of two additional credits of science courses chosen from the list of allowed courses.
 Allowed science courses: Biol 110, 111, 320, 326, 330, 353, 356, 392; Chem 103, 104, 115; Geog 104, 178, 345, 368; Geol 110, 115, 301, 303, 308; Phys 226, 229.

MINOR: COMPUTER SCIENCE, Liberal Arts

Liberal Arts Emphasis (Code 170-401)

Twenty-four semester credits, including:

1. CS 145, 245, 252, and 260 (15 crs.)
2. Nine credits selected from CS 268, 278, 291, 321, 335, 370, 388, 399, 420, 450, 455, 462, or other courses designated by the department and not already included in the minor.

Web Design and Development Emphasis (Code 170-405)

Twenty-four semester credits minimum, including:

1. CS 318, 319, 320, 321 (12 crs.)
2. At least 12 credits selected from:
 - Art 274, 275, 281, 312, 375
 - Bcom 206, 207, 308, 405
 - CJ 105, 280, 319, 380
 - CS 322
 - Engl 181, 305, 307, 308
 - IS 240, 290, 310, 345*, 475*
 - Mktg 330*, 331*
 Other electives may apply with Computer Science department permission.

*NOTE: See the chair of the offering department for special permission to enroll.

MINOR: COMPUTATIONAL SCIENCE

See College of Arts and Sciences Interdisciplinary Minors.

DEPARTMENTAL HONORS IN COMPUTER SCIENCE

Eligibility: Students with resident and total GPAs of 3.50 or higher and a 3.50 or higher in at least 12 credits of computer science.

Procedure: A written application for Departmental Honors in Computer Science shall be approved by the research adviser and the departmental honors committee. The application and approval process must be completed no later than the end of the junior year.

Requirements:

1. The satisfactory completion of (a) six credits of registration in Computer Science Research, including the writing of a research paper; (b) an oral presentation to be given to at least three members of the faculty.
2. Resident and total GPAs of 3.50 or higher in both the computer

science major and for all credits attempted to meet graduation requirements.

3. Participation in at least one Student ACM Programming Contest.

Information for All Students

It is strongly recommended that the student have a grade of C or above in any Computer Science course which is to be used as a prerequisite to another course. Where a grade of C- or below is earned in a Computer Science course, the student should repeat the course before continuing.

Satisfactory/Unsatisfactory Policy

The Satisfactory/Unsatisfactory option may not be elected to satisfy a course requirement at the 200-level or higher for the major or minor programs, except for CS 490.

Certificate Programs

The Department of Computer Science offers certificates to students and working computer professionals who desire the knowledge and hands-on experience necessary to become computer programmers or web designers and developers.

Certificate: Computer Programmer

15 credits, including: CS 145, 163, 245, 252

Certificate: Web Design and Development

12 credits, including: CS 318, 319, 320, 321

CS

CS 100 Computer Information Technologies

3 crs. • GE-IB

Lecture/Discussion Hours: 2.5 | Lab/Studio Hours: 1

• 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.

CS 145 Introduction to Object-Oriented Programming

4 crs. • F, Sp • P: MATH 109 or concurrent enrollment, or placement into MATH 111, 112, 113, 114, or 215. May be taken concurrently with CS 146.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

A general introduction to computer data representation, programming, and the design of computer software. Object-oriented design and implementation techniques and concepts are introduced.

CS 146 The Big Picture in Computer Science

1 cr. • F, Sp • P: Limited to computer science majors. May be taken concurrently with CS 145.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

• 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.

CS 163 Introduction to Programming in C++

3 crs. • F, Sp • GE-IB • P: Three years of high school, college preparatory mathematics. No credit if taken after or concurrently with CS 145.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CS 170 Computing for the Sciences and Mathematics

3 crs. • F • GE-V • P: MATH 112, or 113, or placement into MATH 114 or 215.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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 using Maple, a language specifically tailored to the sciences.

COMPUTER SCIENCE

CS 245 Advanced Programming and Data Structures

4 crs. • F, Sp • P: CS 145. MATH 112 or concurrent enrollment, MATH 113 or concurrent enrollment, or placement into MATH 114 or 215.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

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.

CS 252 Computer Systems

4 crs. • F, Sp • P: CS 245

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

Introduction to systems level concepts including number system representation, digital logic, machine models, assembly language, UNIX, C programming and memory management, and parallel architectures.

CS 260 Database Systems

3 crs. • F, Sp • P: CS 245

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A study of fundamental database concepts including: SQL, database design and normalization, transactions and concurrency, embedded SQL, and stored procedures.

CS 268 Web Programming

4 crs. • Sp • P: CS 245. May be taken concurrently with CS 260.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

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.

CS 278 Digital System Design

4 crs. • Sp • P: Either CS 163 or CS 145, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

• 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.

CS 290 Introduction to Data Management

3 crs. • V • GE-IB; BPS Flat Rate Tuition • A-F Grades Only • P: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies degree.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An introduction to managing data using technology. Topics include understanding different types of data, managing data using spreadsheets and databases, creating application macros to manipulate data, designing and implementing databases, and visualizing data.

CS 291 Special Topics

1-3 crs. • F, Sp • May be repeated

• See current Class Schedule.

An examination of current topical material of special interest to students and faculty.

CS 318 Fundamentals of Web Page Design

3 crs. • F, Sp • GE-IB

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

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.

CS 319 Introduction to Web Programming

3 crs. • F, Sp • GE-IB • P: No credit if taken after CS 268.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

• 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.

CS 320 Web Database Design and Implementation

3 crs. • F, Wi • P: CS 318 or concurrent enrollment; CS 319 or concurrent enrollment.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

• 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.

CS 321 Web Design and Development

3 crs. • Sp, Su • SL-Full • P: CS 320 or 345. Credit cannot be earned in both CS 321 and CS 355.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• No credit toward computer science major requirements.

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.

CS 322 Web Animation Design & Programming

3 crs. • Sp

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 3

Design and development of web-delivered animations, including graphic and symbol development, animation techniques, video and audio editing, and introductory programming.

CS 330 Programming Languages

3 crs. • Sp • P: CS 245

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study building blocks of modern programming and programming paradigms including functional, imperative, object-oriented, and logical. Emphasis on teaching students how to learn and new programming languages. In-depth study of C++ and memory management techniques.

CS 335 Algorithms

3 crs. • F • P: CS 245. Concurrent enrollment in MATH 314.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Discussion of algorithm design, problem-solving methods. Specific algorithm topics include divide-and-conquer, dynamic programming, and backtracking.

CS 352 Computer Organization and Design

3 crs. • F • P: CS 252

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CS 355 Software Engineering I

3 crs. • Sp • P: CS 260. Credit cannot be earned in both CS 321 and CS 355.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CS 362 Operating Systems and Distributed Computation

3 crs. • F • P: CS 252

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CS 370 Computer Security

3 crs. • Sp • P: CS 252

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CS 388 UNIX Systems Programming

3 crs. • F

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

CS 396 Junior Seminar

1 cr. • F • P: CS 146 and minimum junior standing, or consent of instructor. Limited to computer science majors.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

Examination of selected topics in computer science through invited business speakers, traditional lecture, and independent investigation.

CS 399 Independent Study - Juniors

1-3 crs. • V • May be repeated • P: Minimum junior standing. • Department Consent Required

COMPUTER SCIENCE

CS 420 Artificial Intelligence

3 crs. • V • P: CS 335

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CS 450 Theory of Computation

3 crs. • F • P: CS 335

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CS 455 Computer Graphics

3 crs. • V • P: CS 335

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A study of 3D 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.

CS 462 Computer Networks

3 crs. • Sp • P: CS 362

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CS 482 Research in Computer Science I

3 crs. • CP • P: CS 355. *Limited to computer science majors and minors.*

Minimum resident and total GPA of 3.00. • Instructor Consent Required

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CS 485 Software Engineering II

3 crs. • F • SL-Full; CP • P: CS 355

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An in-depth study of the design and analysis phases of software development. Particular attention is given to the role of patterns in software development, including design patterns, analysis patterns, and architectural patterns. Students are given hands-on experience with the application of such patterns to particular application domains.

CS 490 Computer Science Practicum

3 crs. • SL-Optional; CP • S/U Only Grade Basis • P: CS 485

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

CS 491 Special Topics

1-3 crs. • V • May be repeated

• 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.

CS 492 Research in Computer Science II

3 crs. • CP • P: CS 482. *Limited to computer science majors and minors. •*

Instructor Consent Required

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CS 493 Collaborative Research

1-3 crs. • P: 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. • SL-Optional; CP; IN • May be repeated for a maximum of 6 credits • 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.

CS 499 Independent Study - Seniors

1-3 crs. • May be repeated • P: Minimum senior standing. • Department Consent Required

Economics

SCHNEIDER SOCIAL SCIENCE 476

(715) 836-5743

<http://www.uwec.edu/econ/index.htm>

WAYNE CARROLL, CHAIR

ROSE-MARIE AVIN, SANJUKTA CHAUDHURI, MARIA DACOSTA, ERIC JAMELSKE, THOMAS KEMP, FREDRIC KOLB, YAN LI, LAURA MIDDLESWORTH, PETRICK RUNST, DAVID SCHAFFER.

Honor Societies and Student Organizations:

Omicron Delta Epsilon (Economics Honors Society) and Student Economics Association. For more information on either organization, see the Department Chair.

Economics is the study of how and to what extent a society uses its scarce resources. The Department of Economics believes that understanding economics requires both learning economic theory and applying that theory. To this end, the department encourages internships, student/faculty collaborative research activities, small-group learning, and applied projects.

To aid our graduates in the transition to employment or further education, the department sponsors trips to area graduate schools and visits by individuals employed in economics-related occupations and it maintains a file of alumni mentors.

During the year prior to graduation, each student with a major in economics is required to complete a capstone paper that draws together theory, practice, and policy. The capstone paper may be completed in conjunction with a student/faculty collaborative research project, an immersion experience, or an economics course. See the Department Chair or the Department of Economics Web page for information on capstone paper options.

Information for Economics Majors. The Department of Economics recommends that the student majoring in Economics (Liberal Arts, Comprehensive-Business, Teaching) structure the set of courses chosen for the major within the guidelines suggested by the following areas of study. In addition to the courses required for the major, the elective courses suggested in each of these areas of study are those which the Department of Economics feels would enhance the potential for success in the student's future career.

Graduate Education. This area of study is designed for the student wishing to pursue graduate training. Suggested courses are:

Econ 311, 315, 316; Math 114, 215, 324, 346, 347.

Applied Economics. This area of study serves students interested in obtaining immediate employment upon completion of the major. Suggested courses are:

Econ 316; Math 111 or 114; Acct 201; Engl 305.

Pre-Law. This area of study is appropriate for students who are considering a career in law. Suggested courses are:

Acct 201; Econ 322, 331, 335.

Public Policy Analysis. This area of study is intended to prepare students for a career in public sector analysis. Suggested courses are:

Econ 268, 316, 325, 331, 375.

Students with economics majors or minors are encouraged to take Econ 303 and 304 promptly after completion of Econ 103 and 104. Registration in junior/senior courses prior to completion of Econ 303 and 304 should be done in consultation with the adviser. Most junior/senior level courses assume students have completed or are completing their mathematics requirements and have applied computer experience.

ECONOMICS

MAJOR: ECONOMICS,

Liberal Arts (Code 360-200)

Thirty-six semester credits in economics and supporting courses, including Econ 103, 104, 303, 304, 321, and Math 246. Additional credits must be selected primarily from the following: Econ 308, 311, 315, 316, 318, 322, 325, 331, 335, 351, 353, 355, 371, 375, 399, 491, 492, 494, 495, 496, 498, 499. Students may, if they wish, count a maximum of two courses from the following: Econ 268, 280, 330; Econ/LAS 356; Econ/Wmns 337, 357; Acct 201.

A student may substitute Math 347 for Math 246 in the major.

All students with a major in economics must complete a capstone paper during the year prior to graduation. Contact the department office for information on capstone requirements and options.

NOTE 1: Math 111 or 114 or their equivalent must be completed as part of the General Education requirements.

NOTE 2: A maximum of six credits earned in Econ 399, 494, 495, 496, 498, and/or 499 may count toward the major.

COMPREHENSIVE MAJOR: ECONOMICS,

Business (Code 360-002)

A Bachelor of Business Administration degree with a comprehensive major in economics consists of the Basic Business Core in the College of Business, completion of Econ 103, 104, 303, 304, and 321; Math 246, and electives from the following courses, bringing the total to 60 semester credits: Econ 308, 311, 315, 316, 318, 322, 325, 331, 335, 351, 353, 355, 371, 375, 399, 491, 492, 494, 495, 496, 498, 499; Fin 322, 327; and no more than one course from the following: Econ 268, 280, 330; Econ/LAS 356; Econ/Wmns 337, 357.

All students with a major in economics must complete a capstone paper during the year prior to graduation. Contact the department office for information on capstone requirements and options.

NOTE 1: Math 111 or Math 114 or their equivalent must be completed as part of the General Education requirements.

NOTE 2: Students in this major must meet College of Business admission standards before they may register for upper-division (300-400 level) courses offered by the College of Business (see College of Business, Admission).

NOTE 3: A maximum of six credits earned in Econ 399, 494, 495, 496, 498, and/or 499 may count toward the major.

MAJOR: ECONOMICS,

Teaching (Code 360-204)

Thirty-six semester credits in economics and supporting courses, including Econ 103, 104, 303, 304, 321, 322, and Math 246. Additional credits must be selected primarily from the following: Econ 308, 311, 315, 316, 318, 325, 331, 335, 351, 353, 355, 371, 375, 399, 491, 492, 494, 495, 496, 498, 499. Students may, if they wish, count a maximum of two courses from the following: Econ 268, 280, 330; Econ/LAS 356; Econ/Wmns 337, 357; Acct 201. This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Economics in Early Adolescence through Adolescence classrooms.

All students with a major in economics must complete a capstone paper during the year prior to graduation. Contact the department office for information on capstone requirements and options.

NOTE: A maximum of six credits earned in Econ 399, 494, 495, 496, 498, and/or 499 may count toward the major.

MINOR: ECONOMICS,

Liberal Arts (Code 360-400)

Twenty-four semester credits in courses offered or approved by the economics department, including Econ 103, 104, 303, and 304. Up to two courses from the following list may, at the option of the student, be included in the minor: Econ 268, 280, 330; Econ/LAS 356; Econ/Wmns 337, 357.

MINOR: ECONOMICS,

Teaching (Code 360-404)

Twenty-four semester credits in courses offered or approved by the economics department, including Econ 103, 104, 303, 304, and 321. Up to two courses from the following list may, at the option of the student, be included in the minor: Econ 268, 280, 330; Econ/LAS 356; Econ/Wmns 337, 357. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Economics in Early Adolescence through Adolescence classrooms.

DEPARTMENTAL HONORS PROGRAM IN ECONOMICS

Entrance Requirements: (1) Majors who have completed at least the two introductory economics courses with a GPA in economics courses of 3.50 or higher, and resident and total GPAs of 3.35 or higher, and (2) submit a written application before the beginning of the senior year for approval by the Economics Department faculty.

Requirements for Continued Participation: If at any time a student's resident and total GPAs fall below 3.35, or a student's GPA in economics courses falls below 3.20, that student will no longer be eligible to participate in the program.

Graduation Requirements: (1) Complete the requirements for an economics major, including Econ 316. (2) Complete at least six credits in the department's Honors Seminars taught by graduate faculty. If unable to schedule six credits of seminar, the student can petition the department to replace three credits of Honors Seminar with three credits of Honors Independent Study. (3) Satisfactory completion of an Honors paper under the direction of a department member of the graduate faculty. (4) Satisfactory completion of an oral examination, conducted by at least three faculty members, on economic theory (Econ 303 and 304) and on the student's Honors Paper. (5) Resident and total GPAs of 3.50 or higher at graduation for all courses and in Economics Department courses. For more information see the Department Chair.

ECON

ECON 100 Economic Analysis of Contemporary Issues

3 crs. • GE-III B

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Nature of selected contemporary issues and method of evaluating alternative solutions.

ECON 103 Principles of Microeconomics

3 crs. • F, Sp, Su • GE-III B • P: Grade of C or above in MATH 20 or suitable score on math placement test.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

In the context of contemporary economic issues, product and resource markets are analyzed with respect to pricing decisions, efficiency, and equity.

ECON 104 Principles of Macroeconomics

3 crs. • F, Sp, Su • GE-III B • P: Grade of C or above in Math 20 or suitable score on math placement test.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Theory of aggregate income determination in the American economy with consideration of the international economy and other related problems, policies, and institutions.

ECON 201 Introduction to Political Economy

3 crs. • F, Sp • CD1; GE-III B • P: No credit if taken after ECON 103 or ECON 104.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ECON 268 Environmental Economics

3 crs. • Sp • GE-III B

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An economic analysis of environmental problems and policies in a market economy.

ECON 280 Health Economics

3 crs. • F • GE-III B

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Application of economic analysis to problems in the health care sector. Consideration of the supply and demand for health care, hospitals, and health manpower related to structure of the industry and government policy.

ECON 303/503 Intermediate Microeconomic Theory

3 crs. • F, Sp • P: ECON 103 and 104, or consent of instructor. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Application of economic analysis to consumer behavior, production decisions, and resource pricing.

ECON 304 Intermediate Macroeconomic Theory

3 crs. • F, Sp • P: ECON 103 and 104, or consent of instructor. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Examination of alternative theories of national income, employment, and the general price level.

ECON 308 Essentials of Managerial Economics

3 crs. • P: ECON 103 and 104, or consent of instructor. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Application of economic principles to management problem formulation, problem-solving, and decision-making.

ECON 311 History of Economic Thought

3 crs. • F odd years • GE-III B • P: ECON 103 and 104, or consent of instructor. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study of the development of economic analysis from the works of the physiocrats to contemporary models.

ECON 315 Elements of Mathematical Economics

3 crs. • Sp odd years • P: ECON 303, and MATH 111 or 114. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Applications of differential calculus and matrix algebra in microeconomic and macroeconomic theory.

ECON 316 Econometrics

3 crs. • Sp • P: ECON 103, 104; MATH 246, 345, or 347. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ECON 318 Business Fluctuations and Forecasting

3 crs. • Sp, Su • P: ECON 104. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Measuring economic activity; time series analysis; theories of business fluctuations; the experience of the 1930s; forecasting economic activity.

ECON 321 Money and Banking

3 crs. • F, Sp, Su • GE-III B • P: ECON 103 and 104, or consent of instructor. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Analysis of the impact of money and banking on a modern economy. Banking, regulatory and management problems are also studied.

ECON 322/522 Investments

3 crs. • F • P: ECON 104. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Relationships between investments and the economy, risks, characteristics of securities, securities markets.

ECON 325/525 Public Economics

3 crs. • P: ECON 103 and 104, or consent of instructor. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Revenues and expenditures of different units of government and public debt.

ECON 330 Economics of American Minorities

3 crs. • Sp • CD3; GE-III B

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Major issues and problems confronting American minorities; possible approaches to deal with such issues; government policy toward such issues.

ECON 331/531 Government and Business

3 crs. • F even years • GE-III B • P: ECON 103 and 104, or consent of instructor. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Market structures and institutions influencing relations between business and government.

ECON 335/535 Labor Economics

3 crs. • F • GE-III B • P: ECON 103 and 104, or consent of instructor. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Wage theories, the labor market, employment and training policy, the unemployment problem, the economic effect of collective bargaining, the labor movement, and labor law.

ECON 337 Women and the Labor Market

3 crs. • F • CD1; GE-III B

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both ECON 337 and WMNS 337.

Examination of theories of economic discrimination, recent experiences of women in labor markets in various countries, effects of governments and international agencies on earnings and employment, and the future role of women in modern economies.

ECON 351 International Economics

3 crs. • Sp • P: ECON 103 and 104, or consent of instructor. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study of international trade and international monetary theory and policies influencing the industrialized and developing nations.

ECON 353 Economics of Pacific Asia

3 crs. • Sp • FC • P: ECON 103 and 104, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ECON 355/555 Economic Development of the Third World

3 crs. • F • FC • P: ECON 103 and 104, or consent of instructor. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Analysis of the process of economic development in the less developed countries.

ECON 356 Economic Development of Latin America

3 crs. • Sp • FC; GE-III B

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

ECON 357/557 Women and Economic Development

3 crs. • V • FC; GE-III B

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both ECON 357 and WMNS 357. No credit if taken after WMNS 480 in Summer of 2001.

Provides economic, institutional, and feminist frameworks for understanding socio-economic realities of women in Asia, Africa, Latin America, and the Middle East. Topics analyzed include changing roles of women in economy and household during the process of economic development.

ECON 371 Current Economic Problems

3 crs. • P: ECON 103 and 104, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Utilization of economic theory to study current economic problems and solutions to problems.

ECON 373 Economics of Urban Issues

3 crs. • V • GE-III B; BPS Flat Rate Tuition • A-F Grades Only • P: Limited to Organizational Leadership and Communication Comprehensive Major, Bachelor of Professional Studies degree.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

This course provides an introduction to fundamental economic concepts, which are then applied to analyze urban issues such as housing, transportation, urban congestion, crime, and local government finance.

ECONOMICS

ECON 375 Urban Economics

3 crs. • F • CD1; GE-III B • P: ECON 103 or consent of instructor. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ECON 390 Global Economics Immersion Experience

1-3 crs. • V • FC; GE-III B; Field Trip(s) Required • May be repeated for a maximum of 6 credits • A-F Grades Only • 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.

ECON 399 Independent Study - Juniors

1-3 crs. • F, Sp, Su • May be repeated • P: Minimum junior standing. • Department Consent Required

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. • May be repeated for a maximum of 6 credits • P: ECON 304, minimum 3.20 GPA in ECON courses. Minimum resident and total GPA of 3.35. Admission to Department Honors Program.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Individualized study of special topics in economics. Exact topics will differ depending on interests of the students and faculty members.

ECON 494 Academic Internship

3 crs. • F, Sp, Su • IN • P: Twelve credits in economics. Limited to economics majors and minors. Credit cannot be earned in both ECON 494 and ECON 498. • Department Consent Required

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ECON 495/695 Directed Studies

1-3 crs. • F, Sp, Su • May be repeated • P: ECON 103 and 104, or consent of instructor. • Department Consent Required

Course projects will be structured to fit the needs, interests, and goals of the participants.

ECON 496 Honors Independent Study

1-3 crs. • May be repeated for a maximum of 6 credits • P: 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.

ECON 498 Professional Internship

3 crs. • F, Sp, Su • SL-Full; IN • P: Twelve credits in economics. Limited to economics majors and minors. Credit cannot be earned in both ECON 494 and ECON 498. • Department Consent Required

Supervised application of classroom-acquired economics skills and knowledge in a professional setting related to the student's area of interest.

ECON 499 Independent Study - Seniors

1-3 crs. • F, Sp, Su • May be repeated • P: Minimum senior standing. • Department Consent Required



English

HIBBARD HUMANITIES HALL 405

(715) 836-2639

<http://www.uwec.edu/english/index.htm>

engl.contact@uwec.edu

CARMEN MANNING, CHAIR

CAREY APPLIGATE, DEBRA K.S. BARKER, ALAN BENSON, ERICA BENSON, JACK BUSHNELL, RUTH CRONJE, BERNARD DUYFHUIZEN, AUDREY FESSLER, MAX GARLAND, B.J. HOLLARS, DAVID JONES, THERESA D. KEMP, ALLYSON LOOMIS, JON LOOMIS, ROBERT NOWLAN, TESS ONWUEME, JOEL PACE, ELIZABETH PRESTON, CATHY REX, ASHA SEN, JENNIFER SHADDOCK, DAVID SHIH, JAN STIRM, STACY THOMPSON, STEPHANIE TURNER, SHEVAUN WATSON, BLAKE WESTERLUND, LYNSEY WOLTER, MARTIN WOOD.

Honor Societies and Student Organizations:

STD: **Sigma Tau Delta** is an international honor society for the study of language and literature. Contact: Traci Thomas-Card, thomastl@uwec.edu.

NOTA: **None of the Above** is the campus creative arts organization. NOTA is student-run and publishes two editions annually. Contact: Allyson Loomis, goldinaa@uwec.edu.

English Festival: **English Festival** organizes the annual UW-Eau Claire English Language Arts Festival. This group coordinates students, faculty, and community members who participate. Contact the English department for more information.

MAJOR PROGRAMS

Students at UW-Eau Claire pursue an English major by choosing among five standard emphases (which must be taken in conjunction with a minor): creative writing, linguistics, literature, scientific and technical writing, and teaching. The teaching emphasis may also be taken as a comprehensive major (to which students do not need to add a minor field). Each emphasis offers students both a framework of core courses and focused concentrations of courses.

For all students who elect an English major, study begins with a core of eleven credits: English 210, 221, and 284. English 210, Introduction to Texts, provides students with an understanding of textuality and how texts function within historicized cultural contexts. English 221, The English Language, introduces students to the formal study of language, including grammar, history of the English language, and language acquisition, thereby providing students with a strong basis for their work in the discipline. English 284, Introduction to Theory and Criticism, provides a broadly conceived understanding of theory and criticism, and introduces students to the practice of self-reflectively theorizing and critiquing within the field of English. The major is designed to give students a common core as well as some depth of study in an emphasis. Students deepen their study of English through intermediate coursework and senior-level workshops or seminars in their specific area of emphasis. In these senior-level seminars and workshops, students are provided with the opportunity to integrate their previous learning by producing a major research or creative project in the field of English. In addition to sharing information and ideas, English courses bring students together in a community with both shared and diverse learning goals.

Students can supplement their classroom experience while promoting the English Language Arts by serving as tutors in the Center for Writing Excellence, as writing interns at area businesses, and as members of Sigma Tau Delta (the English Honor Society), NOTA (the UW-Eau Claire creative arts organization), or the English Festival student organization.

The English Department also offers four minors and many courses that meet University General Education requirements.

PRIORITIES

The faculty have designed the English programs to reflect departmental priorities and to provide a good place to learn and grow for both students and faculty. Looking for connections, they seek to integrate language/linguistics, literature, composition, and teacher preparation courses. The faculty seek to cultivate close, fully-integrated communities of learners who nurture and respect honest differences of all kinds. The faculty continually work to improve connections with other areas of the University and with the world outside the campus.

THE PLACE AND THE PEOPLE

The English Department is located on the fourth floor of Hibbard Humanities Hall. Most faculty offices are nearby, and English classes generally meet in Hibbard Hall classrooms. Staff in the department office can provide information on courses, programs, transfer credits, advising, and departmental procedures.

For more information about the English Department, its programs, and its faculty, visit the department's homepage on the Web at www.uwec.edu/English.

INFORMATION FOR ENGLISH MAJORS AND MINORS

- British Literature before 1790
Engl 252, 257, 351, 352, 357, 452
- British Literature after 1790
Engl 259, 359, 362, 459
- American Literature before 1865
Engl 243, 340, 440
- American Literature after 1865
Engl 244, 245, 348, 448
- World/Post Colonial Literature
Engl 230, 330, 430; Engl/Wmns 332
- American Ethnic Literature
Engl 268, 468; Engl/AIS 242, 345, 346
- Women's Literature
Engl 496; Engl/Wmns 296, 396
- Creative Writing
Engl 220, 310, 311, 410, 411, 412, 413
- Scientific and Technical Writing
Engl 305, 307, 308, 355, 409, 415, 455
- Linguistics
Engl 321, 325, 421
- Additional Courses in Literature, Film, and Theory
Engl 272, 273, 274, 275, 276, 277, 372, 381, 384, 392, 484

MAJOR: ENGLISH (ALL LIBERAL ARTS EMPHASES)

Core courses:

- Engl 210 Introduction to Texts
- Engl 221 The English Language
- Engl 284 Introduction to Theory and Criticism

A twelve credit literature requirement:

(courses may be specified within a particular emphasis)

- no more than six credits at the 200 level
- no fewer than six credits at the 400 level

A twelve- to fifteen-credit emphasis requirement (specified below).

MAJOR: ENGLISH, Liberal Arts, Linguistics

(Code 540-205)

In addition to the English core requirement:

- Engl 351 or three credits from Engl 243, 252, 276, 340, or 352
- three credits from Engl 257 or 357
- six credits of literature at the 400 level
- Engl 321, 325, and 421
- six credits from Anth 315; CSD 257, 311; Engl 225, 420; Phil 322.

MAJOR: ENGLISH, Liberal Arts, Literature (Code 540-206)

In addition to the English core requirement:

- one British literature course before 1790
- one British literature course after 1790
- one American literature course before 1865
- one American literature course after 1865
- one World/Post Colonial literature course
- one American Ethnic literature course
- one Women's literature course
- six to nine additional literature or English credits

NOTE 1: No single course can be used in two categories except Women's literature.

NOTE 2: No more than six credits may be taken at the 200 level; no fewer than nine credits may be taken at the 400 level.

MAJOR: ENGLISH, Liberal Arts, Creative Writing (Code 540-204)

In addition to the English core requirement:

- six credits from Engl 245, 273, 274, 275, or 276
- six credits of literature at the 400 level
- Engl 220 (with a grade of B or above)
- Engl 310 and 311
- six credits from at least two of the following courses: Engl 410, 411, 412, 413, or Thea 414

MAJOR: ENGLISH, Liberal Arts, Scientific and Technical Writing (Code 540-208)

In addition to the English core requirement:

- twelve credits of literature (no more than six at the 200 level and no fewer than six at the 400 level)
- Engl 305
- Engl 308
- Engl 455
- six credits from Engl 307, 355, 409, 415, or 498

MAJOR: ENGLISH, Teaching (Code 540-210)

In addition to the English core requirement (Engl 210, 221, 284):

Special Emphasis Courses:

- Lmed 306: Adolescent Literature (3 crs)
- Engl 257 or 357: Shakespeare (3 crs)
- Engl 319: Introduction to English Education Methods (3 crs)
- Engl 419: Seminar in English Education Methods (3 crs)

Content Area Courses:

15 credits of English courses:

- Minimum of nine credits from the following categories, but no more than two courses from any one category: British Literature; American Literature, World/Post Colonial Literature, American Ethnic Literature, or Women's Literature
- Maximum of six credits from the following options and no more than one course from any categorical area: Engl 397, Creative Writing, Scientific and Technical Writing, Linguistics, or Film and Theory courses from Additional Courses in Literature, Film, and Theory (Engl 381, 384, 484)
- No more than six credits at the 200 level
- At least three credits at the 400 level

This major is restricted to students in the College of Education and Human Sciences: Education Studies: EA-A (Option B) and leads to licensure to teach English in Early Adolescence through Adolescence classrooms. See Education Studies departmental pages for specific information on requirements for admission to the College of Education and Human Sciences and the Professional Semester. See adviser for specific information regarding English Department requirements for admission to the College of Education and Human Sciences and the Professional Semester.

ENGLISH

COMPREHENSIVE MAJOR: ENGLISH, Teaching (Code 540-006)

In addition to the English core requirement (Engl 210, 221, 284):

Special Emphasis Courses:

- Lmed 306: Adolescent Literature (3 crs)
- Engl 257 or 357: Shakespeare (3 crs)
- Engl 319: Introduction to English Education Methods (3 crs)
- Engl 419: Seminar in English Education Methods (3 crs)

Content Area Courses:

27 credits of English courses:

• Minimum of 15 credits from the following categories but no more than two courses from any one category: British Literature, American Literature, World/Post Colonial Literature, American Ethnic Literature, or Women's Literature

• Maximum of 12 credits from the following options and no more than one course from any categorical area: Engl 397, Creative Writing, Scientific and Technical Writing, Linguistics, or Film and Theory courses from Additional Courses in Literature, Film, and Theory (Engl 381, 384, 484)

- No more than six credits at the 200 level
- At least three credits at the 400 level

Related Discipline Courses:

- CJ 202 (3 crs)
- Electives: six credits from: 200 or 300 level GE-III or IV courses; or ES 405; CJ 105, 222, 241, 307; CSD 150, 257, 311; Flg 378

NOTE: No more than six credits of electives may be taken, and Psyc 261 cannot apply as a GE-III elective.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: EA-A (Option B) and leads to licensure to teach English in Early Adolescence through Adolescence classrooms. See Education Studies departmental pages for specific information on requirements for admission to the College of Education and Human Sciences and the Professional Semester. See adviser for specific information regarding English Department requirements for admission to the College of Education and Human Sciences and the Professional Semester.

MINOR: ENGLISH, Liberal Arts, Literature (Code 540-407)

Twenty-six semester credits, including:

- Engl 210
- Engl 221
- Engl 284
- 15 credits of literature (no more than six at the 200 level and no fewer than six at the 400 level)

MINOR: ENGLISH, Liberal Arts, Creative Writing (Code 540-412)

Twenty-six semester credits, including:

- Engl 210
- six credits from Engl 245, 273, 274, 275, or 276
- three credits of literature at the 300 level
- Engl 220, 310, and 311
- three credits from Engl 410, 411, 412, 413, or Thea 414

MINOR: ENGLISH, Liberal Arts, Scientific and Technical Writing (Code 540-413)

Twenty-six semester credits, including:

- Engl 210
- nine credits of literature (no more than six at the 200 level, no fewer than three at the 300 level)
- Engl 305
- Engl 308
- three credits from Engl 307, 355, 409, 415, or 498
- Engl 455

MINOR: ENGLISH, Teaching, Early Adolescence/Adolescence (Code 540-408)

Twenty-six semester credits, including:

- Engl 210
- Engl 257 or 357
- Engl 319
- Engl 419
- Lmed 306
- nine credits of literature with no more than three at the 200 level

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach English in Early Adolescence through Adolescence classrooms.

DEPARTMENTAL HONORS PROGRAM IN ENGLISH

Eligibility: (1) Upper-class majors (60 credits or more) in any English emphasis with resident, total, and English GPAs of 3.50 or higher; (2) transfer students with junior status who enter with a GPA of 3.50 or higher.

Application Procedure: A written application for Departmental Honors shall be submitted to the department chair for approval. The application will be considered by an Honors Committee appointed by the chair. Upon the Committee's approval, applicants shall be admitted to the program. So long as they continue to meet the eligibility requirements listed above, admitted students will continue as participants in the program.

Requirements: Candidates for Departmental Honors must complete the requirements of an English major program while meeting the following requirements with distinction: (1) Complete two English courses at the 400 level taken as Honors Options courses. An Honors Option course can be any English offering in which a student chooses to do honors work. Prior approval is required both by the instructor and by the department chair. By the end of the second week of classes, the student must file a description of the honors work to be completed during the course. The honors work must include a written project that will be submitted to the instructor and also filed with the department chair. (2) Complete one-three credits of Honors Independent Study in English. (3) Complete an Honors Thesis. This thesis may be part of the coursework for the Honors Independent Study. (4) Presentation of Results. Candidates for English Honors will present results of their Honors Thesis work at a public forum in conjunction with the English Festival or a similar appropriate event.

GENERAL RESTRICTIONS

Directed Studies (Engl 395) and **Independent Studies** (Engl 399, 499) may be applied in major and minor programs only with the written permission of the student's adviser and the department chair.

Auditors will be admitted to writing courses only with the written permission of the instructor and the department chair.

English for Non-Native Speakers. The beginning composition course for non-native speakers of English is ordinarily ESL 305 (see Department of Foreign Languages), followed by Engl 110.

ENGL

ENGL 99 Composition Fundamentals

3 crs. • V • No Auditors

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• A-F grading system, with credit toward GPA, required for students with a UWENGL standard score lower than 375 (UWEPT lower than 490) and an ACT/English score lower than 18 (SAT/Verbal 430).

Prepares students for Engl 110. Stresses connections between reading and writing, attention to writing processes (generating, drafting, revising, editing), and strategies for assessing students' own writing.

ENGL 100 Academic Reading and Writing for Bi-Cultural Students

3 crs. • V • Department Consent Required
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Experience in academic reading and writing, concentration on processes and skills needed for success in university work; development of short academic essays; emphasis on patterns of American English (organization, sentence structure, grammar, vocabulary).

ENGL 110 Introduction to College Writing

5 crs. • F, Sp, Su • No S/U Grade Option • P: One of: a UWENGL standard score of 375 or higher, UWEPT standard score of 490 or higher, ACT English score of 18 or higher, SAT writing score of 430 or higher, C or above in ENGL 99, B or above in ESL 305, TOEFL score of 550 (79 iBT) or higher.

Lecture/Discussion Hours: 5 | Lab/Studio Hours: 0

Development of basic skills evolving from reading and discussion of various kinds of writing; practice in gathering and expressing ideas, including the writing of the documented paper.

ENGL 112 College Writing for Transfer Students and Advanced Placement Students

2 crs. • F, Sp

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• 2.66 to 4 credits in college composition with a grade of C or above earned outside of the UW System; partial completion (with grade of C or above) of comp reqmnt from a UW System school; AP score of 4 or 5 on English/Language & Composition exam or English/Literature & Composition exam.

Essay development skills with emphasis on library research and documented writing.

ENGL 121 Busting Language Myths

3 crs. • V • GE-IA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ENGL 130 Introduction to World/Postcolonial Literature

3 crs. • V • FC; GE-IVD

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ENGL 140 Critical Reading

3 crs. • F • GE-IA • Department Consent Required

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Development of the skills, strategies, attitudes, and habits associated with critical reading that are required for college success. Focus on comprehension, analysis, and reasoned judgment in individual and group environments.

ENGL 142 Introduction to Literature of the American Indian

3 crs. • F, Sp • CD3; GE-IVD • P: Not available for juniors or seniors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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 literature by and about American Indians, with special attention to the cultural background.

ENGL 150 Introduction to Literature

3 crs. • F, Sp • GE-IVD • P: Not available for juniors or seniors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ENGL 181 Introduction to Film, Video, and Moving-Image Culture

4 crs. • F, Sp • GE-IVD

Lecture/Discussion Hours: 2.5 | Lab/Studio Hours: 3.5

Introduction to critical study of classic and contemporary audio-visual texts, organized around the moving-image, from varied film, video, and other sources. Considerations of art and technology, form and style, and production and reception.

ENGL 201 Advanced College Writing

3 crs. • V • GE-IA • P: ENGL 110 or equivalent, or HNRS 101.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ENGL 205 Introduction to Technical and Professional Communication

3 crs. • V • GE-IA • No S/U Grade Option • P: No credit if taken after ENGL 305.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Introduction to processes of technical and professional communication, emphasizing application of rhetorical principles and problem-solving strategies to an array of written and oral assignments such as memos, summaries, instructions, formal reports, and proposals.

ENGL 210 Introduction to Texts

5 crs. • F, Sp • GE-IVD

Lecture/Discussion Hours: 5 | Lab/Studio Hours: 0

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.

ENGL 220 Introduction to Creative Writing

3 crs. • F, Sp • GE-IA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Introduction to creative writing with opportunities for the student to create and evaluate several forms of verbal art (poetry, fiction, drama).

ENGL 221 The English Language

3 crs. • F, Sp • GE-IA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

The major areas and methods of modern language study: the sound system, grammar, and general history of the English language; regional and social dialects of English; language acquisition.

ENGL 225 Word Studies

3 crs. • V • GE-IA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A broad, systematic approach to vocabulary enrichment through the study of word origins and word structure in English, stylistic alternatives, and imaginative uses of language, with appropriate attention to spelling.

ENGL 230 Survey of World/Postcolonial Literature

3 crs. • V • GE-IVD • May be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ENGL 242 The American Indian in Literature and Film

3 crs. • V • CD3; GE-IVD

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

• 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.

ENGL 243 American Literature to 1865

3 crs. • V • CD1; GE-IVD

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A survey of literature created in America from the pre-Columbian period to the end of the Civil War.

ENGL 244 American Literature from 1865-1945

3 crs. • V • CD1; GE-IVD

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ENGL 245 American Literature Since 1945

3 crs. • F, Sp • CD1; GE-IVD

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Poetry, fiction, nonfiction, and drama since 1945, including such authors as Miller, Lowell, Didion, and Warren.

ENGL 252 Perspectives on Pre-1790 British Literature

3 crs. • V • GE-IVD • May be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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).

ENGL 257 Representative Shakespeare

3 crs. • F, Sp • GE-IVD

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Analysis of a representative group of texts (plays and verse) with attention to genre, historical contexts, or theoretical approaches. Does not duplicate English 357.

ENGLISH

ENGL 259 Perspectives on British Literature After 1790

3 crs. • V • GE-IVD • May be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ENGL 268 Survey of American Ethnic Literature

3 crs. • V • GE-IVD • May be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Focuses on literary techniques/forms that represent experiences of a particular ethnic group in North America. Analyzes relationships between an ethnic culture and the dominant culture, emphasizing the intersection in literature of ethnic/dominant traditions, histories, cultural values.

ENGL 272 Perspectives in Popular Texts

3 crs. • V • GE-IVD • May be repeated for a maximum of 9 credits
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

ENGL 273 The Literature of Fact

3 crs. • V
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both CJ 273 and ENGL 273.

Survey of nonfiction works (reportage, autobiography, travel, and nature writing) which combine factual reporting with literary techniques to reveal American society.

ENGL 274 The Short Story

3 crs. • F, Sp • GE-IVD
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Analysis and discussion of ideas and literary techniques found in the short story with attention to such writers as Chekhov, Dinesen, Borges, Welty.

ENGL 275 The Novel

3 crs. • V • GE-IVD
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ENGL 276 Poetry

3 crs. • F, Sp • GE-IVD
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ENGL 277 Drama

3 crs. • V • GE-IVD
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ENGL 284 Introduction to Theory and Criticism

3 crs. • F, Sp • P: ENGL 210 (formerly 160) or concurrent enrollment.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ENGL 296 Perspectives on Women's Literature

3 crs. • V • CD1; GE-IVD • May be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both ENGL 296 and WMNS 296 unless topics differ. See current Class Schedule for specific theme or topic.

Analyzes representative texts by women. Attention given to historical and critical/theoretical questions relevant to understanding women's achievements in such areas as writing for literary fame, artistic creation, religious expression, political resistance, and economic survival.

ENGL 302/502 Teaching Writing in the Elementary and Middle School

3 crs. • Sp • P: Limited to elementary education, middle/early adolescence majors. Grade of C or above in ENGL 110 or equivalent.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ENGL 305/505 Communicating Scientific Subjects to General

Audiences

3 crs. • V • GE-IA • No S/U Grade Option • P: Grade of C or above in ENGL 110 or equivalent. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Principles and strategies for communicating scientific subjects to non-expert readers. Students explore science's persuasive, ethical role in society, and produce documents that reflect an understanding of the benefits of a scientifically knowledgeable public.

ENGL 307/507 Editing and Publications Management

3 crs. • Sp • P: ENGL 305 or 308 or concurrent enrollment, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ENGL 308/508 Scientific Communication for Expert Audiences

3 crs. • V • GE-IA • P: Grade of C or above in ENGL 110 or equivalent. Minimum junior standing. • Instructor Consent Required

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Introduces principles and strategies for communicating scientific material to expert audiences. Discusses ways that scientific texts and visuals support scientific reasoning and scientific discovery. Considers the ethics and social responsibility of scientists.

ENGL 310 Intermediate Poetry Writing

3 crs. • F, Sp • GE-IA • P: Grade of B or above in ENGL 220, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

The study, creation, and evaluation of poetry for the intermediate writing student.

ENGL 311 Intermediate Story Writing

3 crs. • F, Sp • GE-IA • P: Grade of B or above in ENGL 220, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

The study, creation, and evaluation of stories for the intermediate writing student.

ENGL 319 Introduction to English Education Methods

3 crs. • F, Sp • P: ES 210 and ES 211 or concurrent enrollment; ENGL 210; or consent of instructor. Minimum resident and total GPA of 2.75. Three credits of literature 200-level or above; or consent of instructor. Limited to English teaching majors and minors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An introduction to the theories and methods of teaching English language arts in middle and high school classrooms.

ENGL 321/521 Topics in the Structure of English

3 crs. • F • GE-IA • May be repeated for a maximum of 9 credits • P: ENGL 125 or ENGL 221 or CSD 262 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

ENGL 325/525 History of the English Language

3 crs. • Sp • GE-IA • P: ENGL 125, ENGL 221, or CSD 262.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Development from Old to Modern English; introduction to comparative and historical linguistics.

ENGL 330 Topics in World/Postcolonial Literature

3 crs. • V • FC; GE-IVD • May be repeated for a maximum of 6 credits • P: ENGL 210 or three credits of literature at the 100 or 200 level.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A thematic analysis of issues pertaining to the study of world (excluding British and American) and/or postcolonial literatures.

ENGL 332 Women in African Literature

3 crs. • Sp • FC; GE-IVD

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both ENGL 332 and WMNS 332.

Using cultural and historical perspectives, the course interprets images of women in African literature, emphasizing how the experiences of phases of colonialism have continued to transform women's images, roles, and prospects in society.

ENGL 340 Topics in American Literature to 1865

3 crs. • F • GE-IVD • May be repeated for a maximum of 9 credits • P: ENGL 210 or three credits of literature at the 100 or 200 level.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

ENGL 345 American Indian Autobiography

3 crs. • V • CD3; GE-IVD • P: Three credits of English Literature (GE-IVD) or one of the following: AIS 101, 102, 111, 112, 480, AIS/HIST 240, AIS/POLS 250, AIS/ARTH 324, AIS/ANTH 325, AIS/HIST 368, AIS/HIST 369 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

ENGL 346 Major Works in American Indian Literature

3 crs. • V • CD3; GE-IVD • P: Three credits of English Literature (GE-IVD) or one of the following: AIS 101, 102, 111, 112, 480, AIS/HIST 240, AIS/POLS 250, AIS/ARTH 324, AIS/ANTH 325, AIS/HIST 368, AIS/HIST 369 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

ENGL 348 Topics in American Literature: 1865 - Present

3 crs. • V • GE-IVD • May be repeated for a maximum of 9 credits • P: ENGL 210 or three credits of literature at the 100 or 200 level.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

ENGL 351 Chaucer and His Age

3 crs. • V • GE-IVD • P: ENGL 125 or 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.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ENGL 352 Topics in British Literature Before 1790

3 crs. • V • GE-IVD • May be repeated for a maximum of 9 credits • P: ENGL 210 or three credits of literature at the 100 or 200 level.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

ENGL 355 Topics in Scientific and Technical Writing

3 crs. • V • GE-IA • May be repeated for a maximum of 6 credits • P: Grade of B or above in ENGL 110 or equivalent.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An in-depth rhetorical and theoretical analysis of a topic, medium or issue in science or technology.

ENGL 357 Shakespearean Topics

3 crs. • V • GE-IVD • May be repeated for a maximum of 6 credits • P: Three credits of literature at the 100 or 200 level.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

ENGL 359 Topics in British Literature After 1790

3 crs. • V • GE-IVD • May be repeated for a maximum of 9 credits • P: ENGL 210 or three credits of literature at the 100 or 200 level.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

ENGL 362 Studies in Transatlantic Romanticism

3 crs. • V • GE-IVD • May be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ENGL 372 Topics in Popular Culture

3 crs. • V • GE-IVD • May be repeated for a maximum of 9 credits • P: ENGL 210 or three credits of literature at the 100 or 200 level.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ENGL 380/580 Studies in Film

3 crs. • V • GE-IVD • May be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

The study of film as literature with emphasis on film artists, techniques, genres, themes, or history. Titles such as "Fiction into Film" or "The Master Directors."

ENGL 381/581 Topics in Film, Video, and Moving-Image Culture

4 crs. • V • GE-IVD • May be repeated for a maximum of 8 credits

Lecture/Discussion Hours: 2.5 | Lab/Studio Hours: 3.5

• See current Class Schedule for specific theme or topic. Field trip(s) optional.

Advanced introduction to the critical study of diverse topics in the theory, history, art, and politics of film, video, and moving-image culture. Examples: The Art and Politics of Representation, Pleasure and Performance, Expressionism and Surrealism.

ENGL 384 Studies in Theory and Criticism

3 crs. • V • May be repeated for a maximum of 9 credits • P: ENGL 284

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

ENGL 391/591 Travel Seminar

1-3 crs. • V

• 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 in the region associated with a writer or writers, e.g., Thomas Hardy's Wessex, The Lake Country of Wordsworth and Coleridge, Thoreau's Walden, Faulkner's Yoknapatawpha County. Emphasizes visits to libraries, museums, cities, countryside, and special sites associated with the literature.

ENGL 392 Major Themes in Literature

1-3 crs. • V • GE-IVD • May be repeated for a maximum of 9 credits

Lecture/Discussion Hours: 1-3 | Lab/Studio Hours: 0

• See current Class Schedule for specific theme or topic.

The study of fiction, poetry, drama, nonfiction, and film as it illustrates a specific major theme in literature: such as "Love in Western Literature."

ENGL 394 Student Mentor

1-3 crs. • F, Sp • SL-Variable • May be repeated for a maximum of 4 credits

• S/U Only Grade Basis • P: ENGL 110 or equivalent. • Department Consent Required

Qualified students, selected and supervised by English faculty, provide a variety of services for Freshman Experience courses and other composition courses: assist with classroom activities, initiate and participate in student-life activities, explore campus opportunities, model successful student traits.

ENGL 395/595 Directed Studies

1-3 crs. • F, Sp • May be repeated • Department Consent Required

Study of a problem or special area in language or literature.

ENGL 396 Studies in Women's Literature

3 crs. • V • GE-IVD

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both ENGL 396 and WMNS 396. 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".

ENGL 397 Tutoring Academic Writing

2 crs. • F • SL-Full • May be repeated for a maximum of 4 credits • P: Grade of B or above in ENGL 110 or equivalent. Minimum sophomore standing. • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

Introduction to Writing Center Theory and its application to tutoring college writing in a variety of disciplines. Students tutor three to five hours per week in the University Writing Center. This course is open to non-majors.

ENGL 398 English Language Arts Festival Practicum

1-2 crs. • F, Sp • SL-Optional • May be repeated for a maximum of 6 credits • S/U Only Grade Basis • Instructor Consent Required

This course gives students a structured, faculty-supervised opportunity to conceptualize, organize, and participate significantly in the annual university-wide English Language Arts Festival.

ENGLISH

ENGL 399 Independent Study - Juniors

1-3 crs. • F, Sp • May be repeated • P: Minimum junior standing. • Department Consent Required

ENGL 409/609 Grant Proposal Writing

3 crs. • F even years • P: ENGL 205 or 305 or 308, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ENGL 410/610 Creative Writing Workshop - Poetry

3 crs. • F • May be repeated for a maximum of 6 credits • P: ENGL 210, 221, 284, 301 (or ENGL 310 or 311), and six credits from ENGL 245, 274, or 276; or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• May be repeated only with permission of the department.

Special emphasis on class discussion and personal conferences for advanced writers of poetry.

ENGL 411/611 Creative Writing Workshop - Fiction

3 crs. • F, Sp • May be repeated for a maximum of 6 credits • P: ENGL 210, 221, 284, 301 (or ENGL 310 or 311), and six credits from ENGL 245, 274, or 276; or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• May be repeated only with permission of the department.

Special emphasis on class discussion and personal conferences for advanced writers of fiction.

ENGL 412/612 Seminar in Nonfiction Writing

3 crs. • Sp • May be repeated for a maximum of 6 credits • P: ENGL/CJ 273 and ENGL 301 (or ENGL 310 or 311); or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Writing and reading nonfiction, with an emphasis on producing an essay of publishable quality for a general, literate audience.

ENGL 413/613 Writing for Children

3 crs. • V • P: ENGL 210, 221, 284, 301 (or ENGL 310 or 311), and six credits from ENGL 245, 274, or 276; or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Creation and evaluation of children's writing, including picture books, fairy tales, nonfiction, and juvenile novels and short stories.

ENGL 415/615 Seminar in Science and Nature Writing

3 crs. • V • P: ENGL 210, 221, 284; and either 205 or 305; and either 301 (or ENGL 310 or 311) or 308; or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Explores literary science and nature writing; students create and workshop their own short essays, with an emphasis on producing a longer publishable piece on science, medicine, or natural history.

ENGL 419 Seminar in English Education Methods

3 crs. • F, Sp • P: ENGL 319. Limited to English teaching majors and minors admitted to the College of Education and Human Sciences.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Seminar focused on constructivist theories of literacy teaching and the application of those theories in middle and high school classrooms.

ENGL 420 Stylistics for Writers

3 crs. • V • P: One course from ENGL 201, 211, 301 (or 310 or 311), 305, 402, or CJ 222, or 235 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study and use of the stylistic potential of language; includes readings, analysis, and practical application in stylistic imitation, variation, and parody.

ENGL 421/621 Seminar in Linguistic Research

3 crs. • Sp odd years • May be repeated for a maximum of 6 credits • P: ENGL 221 or CSD 262 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

ENGL 430/630 Seminar in World/Postcolonial Literature

3 crs. • V • FC • May be repeated for a maximum of 9 credits • P: ENGL 210, 221, 284; and six credits of literature.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

ENGL 440/640 Seminar in American Literature Before 1865

3 crs. • V • May be repeated for a maximum of 9 credits • P: ENGL 210, 221, 284; and six credits of literature.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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).

ENGL 448/648 Seminar in American Literature Since 1865

3 crs. • V • May be repeated for a maximum of 9 credits • P: ENGL 210, 221, 284; and six credits of literature.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

ENGL 452/652 Seminar in Early British Literature

3 crs. • V • May be repeated for a maximum of 6 credits • P: ENGL 210, 221, 284; and six credits of literature. Limited to English majors and minors. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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).

ENGL 455/655 Seminar in Scientific and Technical Communication

3 crs. • Sp • P: ENGL 210, 221, 284, 305, 308, and at least one of the following: ENGL 307, 355, 409, 415, 498; or consent of instructor. Limited to technical writing majors and minors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• See current Class Schedule for specific theme or topic.

Course explores how science and technology are not neutral, but function within political, historical, and cultural contexts or "narratives"; how scientific and technical communications therefore help create those narratives; and why understanding this dynamic matters.

ENGL 459/659 Seminar in British Literature After 1790

3 crs. • V • May be repeated for a maximum of 9 credits • P: ENGL 210, 221, 284; and six credits of literature.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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).

ENGL 468/668 Seminar in American Ethnic Literature

3 crs. • V • May be repeated for a maximum of 9 credits • P: ENGL 210, 221, 284; and six credits of literature.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

ENGL 480 English Capstone

1-3 crs. • V • CP • P: Completion of 29 credits (including ENGL 210, 221, 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. • 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.

ENGL 484/684 Seminar in Critical Theory

3 crs. • F • May be repeated for a maximum of 6 credits • P: ENGL 210, 221, 284; and six credits of literature. Limited to English majors and minors. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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).

ENGLISH

ENGL 496/696 Seminar in Women's Literature

3 crs. • V • May be repeated for a maximum of 6 credits • No S/U Grade Option
• P: ENGL 210, 221, 284; and six credits of literature.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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).

ENGL 497 Honors Independent Study

1-3 crs. • V • May be repeated for a maximum of 3 credits • A-F Grades Only
• P: ENGL 210, 221, 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. • 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.

ENGL 498 Internship in Writing

1-3 crs. • F, Sp • SL-Full; IN • May be repeated for a maximum of 6 credits • P: Open to English majors and minors only. • 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.

ENGL 499 Independent Study - Seniors

1-3 crs. • F, Sp • May be repeated • P: Minimum senior standing. • Department Consent Required

Foreign Languages

HIBBARD HUMANITIES HALL 378

(715) 836-4287

<http://www.uwec.edu/flang/index.htm>

CARTER SMITH, CHAIR

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The Department of Foreign Languages provides a vital component in the undergraduate liberal arts education offered at the University of Wisconsin-Eau Claire. The department promotes multilingualism as the key to intercultural understanding. It does so through courses in foreign language, culture, and literature, including English language for native speakers of other languages; major and minor programs in a number of world languages; study abroad opportunities and internships in many countries; and student/faculty collaborative research. Graduates from the Department of Foreign Languages serve at home and abroad as ambassadors for a diverse, peacefully interacting global society.

MAJOR AND MINOR PROGRAMS

The Department of Foreign Languages offers Liberal Arts and Teaching majors and minors in French, German, and Spanish, and a Liberal Arts minor in Japanese. In German and Spanish, students may opt for a Business/Professions emphasis within the Liberal Arts major. In addition, a Spanish for Health Professions minor and certificate are available as well as a Certificate Program in German Proficiency. Language students may also be interested in the minor in Teaching of English to Speakers of Other Languages (TESOL), and a certificate and minor in Teaching English as a Foreign Language (TEFL). Students of Spanish have the opportunity to pursue a major or minor in Latin American Studies (LAS) (see Interdisciplinary Programs).

OTHER LANGUAGES OFFERED

In addition to the major, minor and certificate programs, the Department of Foreign Languages provides, as resources permit, at least one year of instruction in Chinese, Danish (in Denmark only), English as a Second Language, Greek, Hmong, Japanese, Latin, and Russian. One year of any of the languages taught in the department fulfills the one-year foreign language requirement for a Bachelor of Arts Degree in the College of Arts and Sciences. To meet this requirement, however, the student must earn a grade of at least C or a mark of S in a Foreign Language course numbered 102 or higher.

MAJOR: FRENCH, Liberal Arts (Code 260-201)

A minimum of 36 semester credits beyond Fren 102, or 28 semester credits beyond Fren 202, including 315, 325, and either 335 or 340. Students may earn their remaining credits from any of the following, but must take a minimum of six credits at the 400 level: Fren 345, 354, 355, 361, 362, 401, 450, 463, 480, 482, or 491. Up to three credits may be applied to the major from Fren 395, 399, or 499 with adviser and department approval.

MAJOR: FRENCH, Teaching (Code 260-203)

A minimum of 36 semester credits beyond Fren 102, or 28 semester credits beyond Fren 202, including 315, 325, 335 or 340; Flg 378. Students may earn their remaining credits from any of the following but must take a minimum of six credits at the 400 level: Fren 345, 354, 355, 361, 362, 401, 450, 463, 480, 482, or 491. Up to three credits may be applied to the major from Fren 395, 399, or 499 with adviser and department approval. This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option A or C and



FOREIGN LANGUAGES

leads to licensure to teach French in Early Childhood through Adolescence classrooms.

MINOR: FRENCH, Liberal Arts (Code 260-401)

A minimum of 24 semester credits beyond Fren 102, or 16 semester credits beyond Fren 202, including 315, 325, and either 335 or 340. Students may earn their remaining credits from any of the following: Fren 345, 354, 355, 361, 362, 401, 450, 463, 480, 482, or 491. Up to three credits may be applied to the minor from Fren 395, 399, or 499 with adviser and department approval.

MINOR: FRENCH, Teaching

A minimum of 24 semester credits beyond Fren 102, or 16 semester credits beyond Fren 202, including 315, 325, 335 or 340; and Flg 378. Students may earn their remaining credits from any of the following: Fren 345, 354, 355, 361, 362, 401, 450, 463, 480, 482, or 491. Up to three credits may be applied to the minor from Fren 395, 399, or 499 with adviser and department approval.

Early Adolescence/Adolescence (Code 260-404)

ES 366 (two crs.) required. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach French in Early Adolescence through Adolescence classrooms.

Middle Childhood/Early Adolescence (Code 260-405)

ES 437 required. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A and leads to licensure to teach French in Middle Childhood through Early Adolescence classrooms.

Early Childhood/Adolescence (Code 260-406)

ES 437 and 366 (three crs.) required. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option C and leads to licensure to teach French in Early Childhood through Adolescence classrooms when combined with a major in another foreign language at the Early Childhood through Adolescence level.

MAJOR: GERMAN, Liberal Arts

A minimum of 36 semester credits in German beyond Germ 102, or 28 semester credits beyond Germ 202.

Liberal Arts Emphasis (Code 280-201)

This emphasis requires Germ 313, 314, 315, 325, 363, and two 400-level German courses selected from 413, 480, 482, 491. Courses taken must include at least one from the following list: 480, 482 or equivalent 400-level German course approved by adviser. In addition, the student must take one course from the following list: ArTH 319, 321; Geog 301; Hist 102, 184, 315, 324, 326, 362; Hnrs 103; Phil 338; Pols 327; Rels 378, or an equivalent course approved by the adviser.

Business/Professions Emphasis (Code 280-203)

This emphasis requires Germ 313, 314, 315, 316, 325, 358, 413 and at least two credits of Flg 275 (Off-campus Experience) to be completed in a German-speaking country or in a German-speaking business environment in the U.S. In addition, the student must take one course from the following list: Germ 340, 363, 480, 482, or another German course focused on civilization, culture, and/or literature as approved by adviser.

MAJOR: GERMAN, Teaching (Code 280-204)

A minimum of 36 semester credits in German beyond Germ 102, or 28 semester credits beyond Germ 202, including Germ 313, 314, 315, 325, 363, 413; and one of the following: Germ 480, 482, 491. In addition, students must also take Flg 378, as well as at least one course from the following list: ArTH 319, 321; Geog 301; Hist 102, 184, 315, 324, 326, 362; Hnrs 103; Phil 338; Pols 327; Rels 378, or an equivalent course approved by the adviser. This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option A or

C and leads to licensure to teach German in Early Childhood through Adolescence classrooms.

MINOR: GERMAN, Liberal Arts (Code 280-401)

A minimum of 24 semester credits in German beyond Germ 102, or 16 semester credits beyond Germ 202, including Germ 313, 314, 315, 363.

CERTIFICATE PROGRAM

The Department of Foreign Languages offers a certificate program in **German Proficiency** for students in any major who would like to add proficiency in German to their skill set. The program provides students with practical and professional language skills in German, thereby complementing majors in all other disciplines across the university and strengthening the prospects of students who intend to pursue careers or graduate study in the many areas in which proficiency in German is useful. To complete the certificate, 13 credits beyond Germ 201 are required, including Germ 202, 314, 315, 358, and one credit of Germ 395 during which students prepare and present a translation in their major field of study.

MINOR: GERMAN, Teaching

A minimum of 24 semester credits beyond Germ 102, or 16 semester credits beyond Germ 202, including Germ 313, 314, 315, 325, 363. In addition, students must take Flg 378.

Early Adolescence/Adolescence (Code 280-404)

ES 366 (two crs.) required. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach German in Early Adolescence through Adolescence classrooms.

Middle Childhood/Early Adolescence (Code 280-405)

ES 437 required. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A and leads to licensure to teach German in Middle Childhood through Early Adolescence classrooms.

Early Childhood/Adolescence (Code 280-406)

ES 437 and 366 (three crs.) required. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option C and leads to licensure to teach German in Early Childhood through Adolescence classrooms when combined with a major in another foreign language at the Early Childhood through Adolescence level.

MINOR: JAPANESE, Liberal Arts (Code 270-401)

A minimum of 24 semester credits, including 16 credits in core courses: Japn 101, 102, 201, 202. Eight credits must be chosen from the following list, of which a minimum of six credits must be at the 300 or 400 level: Anth 345; Econ 353; Flg 150 (when focusing on Japan); Hist 252, 389; Japn 301, 302; Phil/Rels 326; Rels 312, 323. Additionally, up to three credits of Directed Studies or Independent Study for projects focusing on Japan may be applied to the minor with approval from the minor adviser. Other Special Topics courses focusing on Japan may be considered as elective courses with consultation and approval of the minor adviser. Students are strongly encouraged to participate in the study abroad program in Japan. Course credit gained at the study abroad site may be used to fulfill part of the Japanese minor with approval of the minor adviser.

INFORMATION FOR ALL SPANISH MAJORS AND MINORS

All Spanish majors and minors in any of the emphases offered must complete an appropriate period of language immersion in residence in a country in which the language is spoken, or participate in an alternative language immersion experience that must be approved by the Spanish section. The minimum time period for meeting the residence/immersion requirement is six weeks; however, the Spanish section recommends that students spend at least one semester abroad.

MAJOR: SPANISH, Liberal Arts

All Spanish, Liberal Arts Majors will take a minimum of 36 credits beyond Span 102, or 28 credits beyond Span 202, including Span 301, 302, and 325.

Liberal Arts Emphasis (Code 320-201)

In addition to the requirements above, this emphasis requires Span 355 or 356, 405, Span/LAS 352, one survey of Spanish literature (Span 363), one survey of Spanish American literature (Span/LAS 367), and three credits of advanced literature. In addition, the student must take one course from the following list: ArtH/AIS 335, 337; Econ/LAS 356; Fltr/LAS 350; Geog/LAS 321; Hist/LAS 309, 311; Hnrs 304 (when offered as Crossing Borders: Discourses from Latin America); LAS 150; Pols/LAS 319, 320; Rels/AIS 330.

Business/Professions Emphasis (Code 320-205)

In addition to the requirements above, this emphasis requires Span 306, 340, 356; Span/LAS 352 and three of the following: Span 409, 420, 421, or 440. Courses highly recommended as electives are Span 405 and 410.

MAJOR: SPANISH, Teaching (Code 320-203)

Identical with the Liberal Arts major with the addition of Span 410 and Flg 378. This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option A or C and leads to licensure to teach Spanish in Early Childhood through Adolescence classrooms.

MINOR: SPANISH, Liberal Arts (Code 320-401)

A minimum of 24 semester credits beyond Span 102, or 16 credits beyond Span 202, including Span 301, 302, and nine credits to be selected from Span 325, 355, 356, 405; Span/LAS 352. Majors in social work desiring a minor in Spanish may substitute Span 353 for other courses in civilization.

MINOR: SPANISH FOR HEALTH PROFESSIONS, Liberal Arts (Code 320-408)

A minimum of 24 semester credits beyond Span 102, or 16 credits beyond Span 232 or 202, including Span 301, 302, 306, 320, 420, and Span/LAS 312. Span/LAS 352 is highly recommended.

CERTIFICATE PROGRAM

The Department of Foreign Languages offers a certificate program in **Spanish for Health Professions** for students or other health care-related professionals interested in adding Spanish proficiency to their skills. To complete the certificate, 18 credits beyond Span 102 are required, including Span 231 or 201, 232 or 202, 306, 320, 420; Span/LAS 312.

MINOR: SPANISH, Teaching

A minimum of 24 semester credits beyond Span 102, or 16 credits beyond Span 202, including Span 301, 302, 325, 410 and one civilization course (Span 355, 356; Span/LAS 352); and Flg 378.

Early Adolescence/Adolescence (Code 320-405)

ES 366 (two crs.) required. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Spanish in Early Adolescence through Adolescence classrooms.

Middle Childhood/Early Adolescence (Code 320-406)

ES 437 required. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A and leads to licensure to teach Spanish in Middle Childhood through Early Adolescence classrooms.

Early Childhood/Adolescence (Code 320-407)

ES 437 and 366 (three crs.) required. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option C and leads to licensure to teach Spanish in Early Childhood through Adolescence classrooms when combined with a major in another foreign language at the Early Childhood through Adolescence level.

SPANISH HONORS PROGRAM

Students who are majoring in Spanish may enter the Spanish Honors Program in two ways: (a) by an appropriate score on the Spanish Placement Test at the time of admission to the University; (b) by invitation of the Spanish faculty after a semester or more at UW-Eau Claire.

Procedure

A written application for the Spanish Honors Program must be approved by the department chair. Students admitted to the Program must gain approval of the instructor and department chair to enroll in courses as an honors option.

Requirements

1. Completion of at least nine credits from the following honors option courses: Span 355, 356, 385, 386, 410; Span/LAS 352, 476, 477. By the end of the second week of classes, the student will develop a description of the honors work to be done in the course, gain the instructor's approval, and submit the description to the department chair for approval. As part of the honors work, a student paper/report must be written and filed with the department chair along with an indication by the instructor that the student has successfully performed honors work.

2. Completion of a project (usually in an honors option course) which is approved as honors work by the instructor and two other members of the department.

3. Maintain resident and total GPAs of 3.50 in the major and in all credits attempted to remain in the Program and to graduate with honors in Spanish. If the GPAs fall below 3.50, a decision by the Spanish faculty is required for reinstatement to the Program.

RESIDENCY REQUIREMENT FOR PROSPECTIVE LANGUAGE TEACHERS

All majors and minors who wish to be certified to teach a foreign language must complete an appropriate period of language immersion in residence in a country in which the language is spoken, or provide an alternative language immersion experience that must be approved by the Department. The minimum time period for meeting the residence/immersion requirement is six weeks. However, the Department of Foreign Languages recommends that students spend at least one semester abroad.

ORAL PROFICIENCY REQUIREMENT FOR PROSPECTIVE LANGUAGE TEACHERS

Wisconsin Department of Public Instruction content guidelines require that foreign language teachers demonstrate minimal oral proficiency at a level equivalent to Intermediate High according to the ACTFL Proficiency Guidelines. Prospective teachers at UW-Eau Claire must demonstrate such proficiency through an official ACTFL Oral Proficiency Interview (OPI). Information on the Oral Proficiency Interview and the ACTFL Proficiency Guidelines (Speaking) is available in the Department of Foreign Languages.

PLACEMENT TEST IN FOREIGN LANGUAGES

Students whose records indicate at least two units of French, German, Spanish, or Japanese study in Junior/Senior High School and who do not have college credit in the language are required to take a placement test in that language prior to registration in order to determine the level at which they should continue their foreign language instruction. At the time of the test, students will be advised as to the language course in which they should enroll.

Students who place into a 102-level foreign language class will be considered to have met the 101-level competency requirement and may not enroll in a 101-level class in the same language for credit without the permission of the Chair of the Department of Foreign Languages. Additionally, a student who places into a 201-level class or above will be considered to have met the 101- and 102-level requirements and may not enroll for credit in any course that is at a lower level than the one into which the student has placed without the permission of the Chair of the Department of Foreign Languages.

FOREIGN LANGUAGES

Placement tests in French, German, and Spanish are offered as part of Regional Placement Testing in March and April, during Summer Orientation, and during spring/fall registration. For information about these tests and the Japanese placement test, consult Academic Testing (Schofield 226).

ROMA HOFF INSTRUCTIONAL RESOURCE CENTER

Practice in the Roma Hoff Instructional Resource Center (RHIRC) is a required part of elementary, intermediate, conversation, and phonetics courses in modern foreign languages. The center provides access to foreign language sound and video programs, to foreign films, and to computer-assisted foreign language instruction. Four-credit courses at the beginning and intermediate levels include four hours of classroom instruction and at least one laboratory hour per week.

CREDIT FOR HIGH SCHOOL WORK OR OTHER FOREIGN LANGUAGE EXPERIENCE

Students with high school courses or other learning experiences in a foreign language may obtain college credit for their previous work by taking a confirming course under the following conditions: (1) The confirming course must be the first college-level course completed in the language and must be taken by a regularly enrolled student at UW-Eau Claire. (However, students who have taken a college-level course while in high school are also eligible for credit for previous work by taking a confirming course.) (2) The confirming course must be 102, 201, 202, or in French 315; in German, 313, 314 or 315; in Spanish, 301. (3) The course must be passed with a letter grade of B (not B-) or above and may not be repeated for the purpose of requesting credits under this policy. (4) A maximum of 16 credits may be granted in any one language for previous work at a level lower than the confirming course. Further information is available from the Chair of the Department.

B.A. REQUIREMENT, COLLEGE OF ARTS AND SCIENCES

Students should note also the B.A. requirement in the College of Arts and Sciences, page 52.

FOREIGN LANGUAGE/FOREIGN CULTURE REQUIREMENT

Students should note also the foreign language/foreign culture requirement for the baccalaureate degree, page 38. Other courses that can be used to fulfill the foreign language requirement are AIS 112, Studies in American Indian Languages II and CSD 103, American Sign Language III. See pages 59 and 237, respectively, for course descriptions.

STUDY ABROAD

The department encourages study abroad in any of the programs sponsored by the Department of Foreign Languages, such as the semester programs in Costa Rica, Costa Rica/Nicaragua, Chile, Pau in France, Marburg in Germany, Japan, Valladolid in Spain, and Uruguay; the semester or year exchange programs in Graz (Austria) and year programs in different sites in the state of Hessen (Germany); summer program in Mexico or Costa Rica—nursing and health care professionals; and exchange semester or year-long programs at one of three ITESM campuses in Mexico. Credits for the major and minor can be earned in any of these programs. Participation in other university-sponsored study abroad programs in Australia, China, England, Greece, Ireland, Latvia, Scotland, South Africa, South Korea, Sweden, and Thailand is also recommended. A resident GPA requirement exists for acceptance in study abroad programs. For details, see the Center for International Education.

INTERNATIONAL EMPLOYMENT

Students interested in a career in international business should consider a major in French, German (Business/Professions Emphasis), or Spanish (Business/Professions Emphasis) combined with the minor or certificate in International Business available to students in the College of Business. For information about opportunities for international employment, consult Dr. Rama Yelkur, the adviser for students seeking the International Business minor and certificate in the College of Business.

ENGLISH FOR SPEAKERS OF OTHER LANGUAGES

Another important offering in the Department of Foreign Languages is English for the ever-growing number of non-native speakers of English on campus. The English Language Academy (ELA) offers English as a Second Language instruction during the regular academic year as well as during the summer months.

All international students either seeking a degree or on exchange from their home institutions, immigrants/refugees, and/or non-native speakers of English who are residents of the United States are welcome to take coursework to further develop their English speaking, listening, reading, writing, grammar, vocabulary, and pronunciation.

UW-Eau Claire offers different programs to assist non-native speakers of English to continue their language study. For information regarding these programs, contact the Department of Foreign Languages (Hibbard 378).

English Language Requirement for Admission of International Students: TOEFL score of 550 (pbt), or 213 (cbt), or 79 (ibt).

• Degree Seeking Students

Degree seeking students demonstrating English proficiency with a TOEFL score of 550pbt/213cbt/79ibt or higher may enroll directly in academic courses. If they choose, they may take an English Placement Exam and enroll in any ESL courses recommended to them.

• Exchange Students

Exchange students are admitted according to the terms of specific inter-institutional agreements. Those who demonstrate a TOEFL score of 550pbt/213cbt/79ibt or higher are not required to take the English placement exam, and may enroll in academic courses. Those with a lower TOEFL score must take the placement exam, and follow the recommendations of the ESL program director.

• English as a Second Language Students

Students with a TOEFL score below 550pbt/213cbt/79ibt may be admitted to the ESL program. These students must take an English Placement Exam and follow the recommendations of the ESL program director. Students may elect to take credit or non-credit courses in the ESL program.

The purpose of the English Placement Exam is to determine whether each non-native speaking student's language proficiency is sufficient for active involvement in UWEC coursework. A non-native speaker of English must be linguistically prepared for the rigorous academic challenges at UW-Eau Claire in terms of in-class oral and aural interaction and out of class reading and writing.

The English Placement Exam is conducted the week prior to the beginning of courses. For information related to the English Placement Exam, contact the ESL Coordinator, Department of Foreign Languages.

CHINESE (CHIN)

CHIN 101 Beginning Chinese

4 crs. • F • GE-IA

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1

An introduction to the language and culture of China. Includes basic grammar with practical application to all language skills: listening, speaking, reading, writing.

CHIN 102 Beginning Chinese

4 crs. • Sp • GE-IA • P: CHIN 101 or equivalent.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1

Continuation of Chinese 101.

CHIN 110 Intensive Beginning Chinese (Mandarin)

16 crs. • F, Sp • GE-IA

Lecture/Discussion Hours: 16 | Lab/Studio Hours: 6

• Taught only at Jinan University, Guangzhou, China.

Emphasis on basic vocabulary, grammar, speaking, listening, and writing.

CHIN 201 Intermediate Chinese

4 crs. • F • GE-IA • P: CHIN 102 or equivalent.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1

• Available only to those students participating in the UW-Eau Claire study program in China. Review of basic Chinese grammar and vocabulary; translation; conversation; writing; Chinese calligraphy.

CHIN 202 Intermediate Chinese

4 crs. • F • GE-IA • P: CHIN 201 or equivalent.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1

• Available only to those students participating in the UW-Eau Claire study program in China. Continuation of Chinese 201.

CHIN 210 Intensive Intermediate Chinese (Mandarin)

16 crs. • F, Sp • GE-IA • P: CHIN 110

Lecture/Discussion Hours: 6 | Lab/Studio Hours: 6

• Taught only at Jinan University, Guangzhou, China.

Development of fundamental skills in vocabulary, grammar, speaking, listening, and writing. Continuation of Chinese 110.

ENGLISH AS A SECOND LANGUAGE (ESL)**ESL 101 Integrated English Language Skills for Non-Native Speakers I**

8 crs. • F, Sp, Su • Department Consent Required

Lecture/Discussion Hours: 8 | Lab/Studio Hours: 0

• 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.

ESL 115 Developing College Vocabulary for Non-Native Speakers of English

2 crs. • F, Sp, Su • May be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Only open to non-native speakers of English.

This course is designed to develop vocabulary needed for university study.

ESL 125 Cross-Culture Talk for ESL Students

2 crs. • F, Sp, Su • May be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• 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.

ESL 150 Exploring Regional Culture and History for ESL Learners

2 crs. • F, Sp, Su • Field Trip(s) Required • May be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• 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.

ESL 175 Skill Building for the TOEFL Test

2 crs. • F, Sp, Su • May be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Only open to non-native speakers of English.

This course will prepare students for the TOEFL (Test of English as a Foreign Language) by providing test taking and skill building strategies in the areas of vocabulary development, reading and listening comprehension, structure identification, and written expression. Diagnostic exams and appropriate exercises will allow students to identify strengths and target weaknesses; practice exams will be given.

ESL 201 Integrated English Language Skills for Non-Native Speakers II

8 crs. • F, Sp, Su • Department Consent Required

Lecture/Discussion Hours: 8 | Lab/Studio Hours: 0

• 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.

ESL 215 The Pronunciation of American English

2 crs. • F, Sp • May be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• 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.

ESL 260 Oral Presentation Skills for Non-Native Speakers of English

2 crs. • F, Sp, Su • May be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• 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.

ESL 275 Global Current Events Through News Media

2 crs. • F, Sp • May be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• 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.

ESL 285 Advanced Listening and Notetaking Skills

2 crs. • May be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• 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.

ESL 291 Special Topics for ESL Learners

1-3 crs. • F, Wi, Sp, Su • May be repeated for a maximum of 6 credits

• 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.

ESL 301 Integrated English Language Skills for Non-Native Speakers III

8 crs. • F, Sp, Su • Department Consent Required

Lecture/Discussion Hours: 8 | Lab/Studio Hours: 0

• 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.

ESL 305 Advanced Academic Writing

3 crs. • May be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Only open to non-native speakers of English.

This advanced-level course involves the entire academic writing process. Students practice developing ideas, working a draft, rewriting drafts, editing papers, and learning how to answer essay test questions.

ESL 310 Multicultural Literature for Non-Native Speakers of English

3 crs. • F, Sp, Su • CD3

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Only open to non-native speakers of English.

Designed to develop analytical and critical thinking skills through the study of multicultural literature.

ESL 320 Business English for Non-Native Speakers

3 crs. • F, Sp, Su

Seminar Hours: 3 | Lab/Studio Hours: 0

• 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.

ESL 360 US Culture and Institutions for ESL Students

3 crs. • F, Sp • GE-IA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

ESL 391 Professional English Advanced Special Topics for ESL Learners

1-3 crs. • V • A-F Grades Only

• 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.

FOREIGN LANGUAGES (FLG)**FLG 101 Beginning Foreign Language I**

4 crs. • V • GE-IA

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1

Foundation in a foreign language not regularly offered at UWEC, including listening, speaking, reading, and cultural background.

FOREIGN LANGUAGES

FLG 102 Beginning Foreign Language II

4 crs. • V • GE-IA • P: FLG 101, *Beginning Foreign Language I, (same language) or equivalent, as established by written documentation or placement test.*

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1

Continuation of FLG 101, *Beginning Foreign Language I.*

FLG 150 Foreign Civilization and Culture

3 crs. • V • FC; GE-IVD

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

FLG 201 Intermediate Foreign Language I

4 crs. • V • GE-IA • A-F Grades Only • P: FLG 102 or equivalent (same language), as established by written documentation or placement test.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

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.

FLG 202 Intermediate Foreign Language II

4 crs. • V • GE-IA • A-F Grades Only • P: FLG 201 or equivalent (same language), as established by written documentation or placement test.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

Continuation of FLG 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).

FLG 275 Off-campus Experience

1-3 crs. • F, Wi, Sp, Su • P: Minimum resident and total GPA of 2.80. • 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 365/565 Special Topics in Teaching English to Speakers of Other Languages

3 crs. • Wi, Su • May be repeated for a maximum of 6 credits • P: Limited to TESOL or TEFL Minor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

FLG 375 Internship Experience

3-6 crs. • F, Wi, Sp, Su • SL-Optional; IN • P: Minimum resident and total GPA of 2.50. • 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.

FLG 378 Second Language Acquisition Theory

3 crs. • F, Sp

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

FLG 395/595 Directed Studies

1-4 crs. • May be repeated • 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.

FLG 400/600 Assessment of English Language Learners (ELLs)

2 crs. • Sp • P: ES 405 or ES 409.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

How to select, create, administer, and interpret results of traditional and alternative assessment instruments and other assessment strategies which measure the academic and language competencies of learners of English as a second language.

FOREIGN LITERATURE IN TRANSLATION (FLTR)

FLTR 250 Classical Mythology

3 crs. • F, Sp • GE-IVD

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Greek and Roman myths and legends that have an important place in Western culture. Given in English.

FLTR 350/550 Latin American Literature in Translation

3 crs. • Sp • FC; GE-IVD

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

FLTR 360/560 Readings in Ancient Literature

3 crs. • V • May be repeated for a maximum of 6 credits • P: Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

FLTR 392 Foreign Film as Cultural Expression

3 crs. • V • FC; GE-IVD

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

Foreign film as a distinct medium of artistic expression of the social, historical, cultural values and perspectives of a society.

FLTR 491 Special Topics

1-3 crs. • V • May be repeated for a maximum of 6 credits • P: 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.

FRENCH (FREN)

FREN 101 Beginning French

4 crs. • F, Sp • GE-IA • P: Placement test required.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1

An introduction, within a cultural context, to the sounds and structures of French. Emphasis on both the spoken and written language.

FREN 102 Beginning French

4 crs. • F, Sp • GE-IA • P: FREN 101 or suitable placement score on the French Placement Exam.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1

Continuation of French 101.

FREN 201 Intermediate French

4 crs. • F, Sp • GE-IA • P: FREN 102 or suitable placement score on the French Placement Exam.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1

This intermediate course develops the four skills of reading, writing, listening, and speaking, while focusing on grammar and vocabulary in a cultural context.

FREN 202 Intermediate French

4 crs. • F, Sp • GE-IA • P: FREN 201 or suitable placement score on French Placement Exam.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1

Continuation of French 201.

FREN 315 Advanced Grammar in Context

3 crs. • P: FREN 202 or suitable placement score on French Placement Exam.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A comprehensive review of the whole of French grammar, with practical application in speech and writing.

FREN 325 Phonetics and Pronunciation

3 crs. • F • P: FREN 315 or concurrent enrollment.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Theory of the French sound system, spelling rules, and intensive practice for improvement of pronunciation.

FREN 335 Written and Oral Expression

3 crs. • F, Sp • FC • P: FREN 315. No credit if taken after FREN 301 and 310.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Intensive practice in oral and written French.

FREN 340 French for Professional Communication

3 crs. • Sp • FC • P: FREN 315. No credit if taken after FREN 395 when offered as French for Business in the Spring of 2008.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

This class, taught entirely in French, focuses on specialized language and cultural practices in the French-speaking professional world. This course also prepares students for the Certificat de Français Professionnel 1 (CFP 1), an internationally recognized diploma in French for business.

FREN 345 Introduction to Literary Analysis

3 crs. • V • GE-IVD • May be repeated for a maximum of 6 credits • P: FREN 335 or FREN 340, or 300-level language proficiency, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

FREN 354 History of French Civilization

3 crs. • V • GE-IVD • May be repeated for a maximum of 6 credits • P: FREN 335 or FREN 340, or 300-level language proficiency, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

French history and civilization from pre-history to the Third Republic; the course focuses on the links between political, social, intellectual, and artistic developments.

FREN 355/555 Contemporary French Civilization

3 crs. • V • GE-IVD • May be repeated for a maximum of 6 credits • P: FREN 335 or FREN 340, or 300-level language proficiency, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

France from 1870 to the present: the country, its people, institutions, art, and culture.

FREN 361/561 Survey of French Literature I

3 crs. • V • GE-IVD • May be repeated for a maximum of 6 credits • P: FREN 345, or 300-level language proficiency, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Course may be taken once at UW-Eau Claire and once during study abroad.

Masterpieces of literature prior to the French Revolution.

FREN 362/562 Survey of French Literature II

3 crs. • V • GE-IVD • May be repeated for a maximum of 6 credits • P: FREN 345, or 300-level language proficiency, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Course may be taken once at UW-Eau Claire and once during study abroad.

Masterpieces of literature since the French Revolution.

FREN 395/595 Directed Studies

1-3 crs. • May be repeated • Department Consent Required

Study of a problem or special area in French language, culture, or literature.

FREN 399 Independent Study - Juniors

1-3 crs. • May be repeated • P: Minimum junior standing. • Department Consent Required

FREN 401/601 Advanced Conversation

3 crs. • V • May be repeated for a maximum of 6 credits • P: FREN 335 or FREN 340, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Course may be taken once at UW-Eau Claire and once during study abroad.

Intensive practice in conversation derived from assigned topics.

FREN 450/650 Francophone Literature

3 crs. • V • P: FREN 361 or 362.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• No credit if taken after FREN 491 when offered as the same topic, Francophone Literature.

French-language literature by writers of countries and territories outside the European continent, such as Africa, the Caribbean, and the Americas.

FREN 463/663 Modern French Literature

3 crs. • V • May be repeated for a maximum of 6 credits • P: FREN 361 or 362 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Course may be taken once at UW-Eau Claire and once during study abroad.

A study of major literary movements and trends in modern France.

FREN 480/680 The French Novel

3 crs. • V • P: FREN 361 or 362.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Evolution of the French novel, with representative works from the seventeenth through twentieth centuries.

FREN 482/682 The Theatre in France

3 crs. • V • P: FREN 361 or 362.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

History of the theatre in France, with readings primarily from the nineteenth and twentieth centuries.

FREN 491/691 Special Topics

1-3 crs. • V • May be repeated for a maximum of 9 credits • P: FREN 361 or 362.

• Only nine credits may count toward the major or minor. See current Class Schedule for specific topic.

In-depth study of a special area in the language, cultures, or literatures of the French-speaking world.

FREN 499 Independent Study - Seniors

1-3 crs. • May be repeated • P: Minimum senior standing. • Department Consent Required

GERMAN (GERM)**GERM 101 Beginning German**

4 crs. • F, Sp • GE-IA • P: Placement test required.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1

A foundation in listening, speaking, reading, writing, and culture.

GERM 102 Beginning German

4 crs. • F, Sp • GE-IA • P: GERM 101 or suitable placement score on German Placement Exam.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1

Continuation of German 101. A foundation in listening, speaking, reading, writing, and culture.

GERM 201 Intermediate German I

4 crs. • F, Sp • GE-IA • P: GERM 102 or suitable placement score on German Placement Exam.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1

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.

GERM 202 Intermediate German II

4 crs. • F, Sp • GE-IA • P: GERM 201 or suitable placement score on German Placement Exam.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1

Continuation of German 201.

GERM 250 Study Abroad Orientation

1 cr. • F • S/U Only Grade Basis • P: Acceptance into Study Abroad Program in Germany.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

Preparation for study abroad in Germany.

GERM 313 Grammar Review and Composition

3 crs. • Sp • FC; GE-IA • P: GERM 202 or equivalent.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Continued development and refinement of structural language skills through review of German morphology, syntax, vocabulary, and style.

GERM 314 Oral Proficiency

3 crs. • Sp • FC; GE-IA • May be repeated for a maximum of 6 credits • P: GERM 202 or equivalent.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

GERM 315 German for Professional Communication I

3 crs. • F • FC • P: GERM 202 or equivalent.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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 GERM 1316 leading to examination for International Business German Certificate.)

GERM 316 German for Professional Communication II

3 crs. • Sp • FC • P: GERM 315

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study and practice of communication in a German business environment, both in speaking and writing. After this course a student may elect to take the internationally recognized exam, "Zertifikat Deutsch für den Beruf."

GERM 325/525 The German Sound System

3 crs. • F • P: GERM 313 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Theory of the German sound system and intensive practice of German pronunciation and intonation. Course language is German.

GERM 340 Introduction to Reading German Literature

3 crs. • Sp • FC; GE-IVD • P: Fluency at the 300-level or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

FOREIGN LANGUAGES

GERM 358/558 Introduction to Translation

2 crs. • F • P: GERM 313 or GERM 315.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

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.

GERM 363/563 Modern Germany: Literature, History, Culture

3 crs. • F • FC; GE-IVD • May be repeated for a maximum of 6 credits • A-F Grades Only • P: One German course at the 300-level, or permission of the instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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: German

GERM 395/595 Directed Studies

1-3 crs. • F, Sp • May be repeated • 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.

GERM 399 Independent Study - Juniors

1-3 crs. • May be repeated • Department Consent Required

GERM 413/613 Structure of German in Contrast

3 crs. • Sp • P: GERM 313 or GERM 315.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

GERM 480/680 Seminar in German Culture and Civilization I, pre-1848

3 crs. • V • May be repeated for a maximum of 6 credits • A-F Grades Only • P: GERM 363, or permission of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Recommended to take 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.

GERM 482/682 Seminar in German Culture and Civilization II, post-1848

3 crs. • V • May be repeated for a maximum of 6 credits • A-F Grades Only • P: GERM 363, or permission of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

GERM 491 Special Topics

1-3 crs. • V • May be repeated for a maximum of 9 credits • P: GERM 313 or 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.

GERM 499 Independent Study - Seniors

1-3 crs. • May be repeated • Department Consent Required

GREEK (GRK)

GRK 101 Beginning Classical Greek

4 crs. • F • GE-IA

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

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.

GRK 102 Beginning Classical Greek

4 crs. • Sp • GE-IA • P: GRK 101

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

Continuation of Greek 101.

GRK 201 Intermediate Classical Greek I

2-4 crs. • F even years • GE-IA • May be repeated for a maximum of 4 credits • P: 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.

HMONG (HMNG)

HMNG 101 Beginning Hmong I

4 crs. • F even years • CD3; GE-IA; Field Trip(s) Required

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1

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.

HMNG 102 Beginning Hmong II

4 crs. • Sp odd years • CD3; GE-IA; Field Trip(s) Required • P: HMNG 101

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1

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.

JAPANESE (JAPN)

JAPN 101 Beginning Japanese I

4 crs. • F • GE-IA • P: Placement test required.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1

A foundation in listening, speaking, reading, writing, and culture. Introduction to hiragana, katakana, and some kanji characters.

JAPN 102 Beginning Japanese II

4 crs. • Sp • GE-IA • P: JAPN 101 or suitable placement score on Japanese Placement Exam.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1

Continuation of Japanese 101. Study of useful conversation patterns, grammar, and culture. Introduction to Kanji-character (91) writing.

JAPN 201 Intermediate Japanese I

4 crs. • F • GE-IA • P: JAPN 102 or suitable placement score on Japanese Placement Exam.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

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.

JAPN 202 Intermediate Japanese II

4 crs. • Sp • GE-IA • P: JAPN 201 or suitable placement score on Japanese Placement Exam.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

Continuation of Japanese 201.

JAPN 301 Advanced Japanese Language and Culture I

4 crs. • F • FC; GE-IA • P: JAPN 202 or suitable placement score on Japanese Placement Exam.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

Designed to improve speaking, listening, reading, and writings skills. Students gain an understanding of Japanese culture and current events through a variety of topics.

JAPN 302 Advanced Japanese Language and Culture II

4 crs. • Sp • FC; GE-IA • P: JAPN 301 or equivalent.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

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.

LATIN (LAT)

LAT 101 Beginning Latin

4 crs. • F • GE-IA

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

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.

LAT 102 Beginning Latin

4 crs. • Sp • GE-IA • P: LAT 101

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

Continuation of Latin 101.

RUSSIAN (RUSS)

RUSS 101 Beginning Russian I

4 crs. • F • GE-IA

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1

A foundation in spoken and written Russian, listening and reading comprehension, grammatical usage, and cultural backgrounds.

RUSS 102 Beginning Russian II

4 crs. • Sp • GE-IA • P: RUSS 101

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1

Continuation of Russian 101.

SPANISH (SPAN)**SPAN 101 Beginning Spanish I**

4 crs. • F, Sp • GE-IA • P: Placement test required.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1

A foundation in spoken and written Spanish, listening and reading comprehension, grammatical usage, and cultural backgrounds.

SPAN 102 Beginning Spanish II

4 crs. • F, Sp • GE-IA • P: SPAN 101 or suitable placement score on Spanish Placement Exam.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1

Continuation of Spanish 101.

SPAN 201 Intermediate Spanish I

4 crs. • F, Sp • GE-IA • P: SPAN 102 or suitable placement score on Spanish Placement Exam. Credit may not be earned in both SPAN 201 and SPAN 231.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1

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.

SPAN 202 Intermediate Spanish II

4 crs. • F, Sp • GE-IA • P: SPAN 201 or 231 or suitable placement score on Spanish Placement Exam. Credit may not be earned in both SPAN 202 and SPAN 232.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 1

Continuation of Spanish 201.

SPAN 222 Spanish Travel Seminar

1-3 crs. • GE-IVD • Instructor Consent Required

Study trip in Spain. Historic sites, musical and artistic events, personal contact with Spanish people.

SPAN 231 Communication in the Professions I

4 crs. • V • P: SPAN 102. Credit may not be earned in both SPAN 201 and SPAN 231.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

Review of Spanish grammar and vocabulary will focus on the knowledge of reading, writing, speaking, and listening skills. In this course particular emphasis is placed on the practice of specialized, professions-oriented vocabulary in communicative situations.

SPAN 232 Communication in the Professions II

4 crs. • V • P: SPAN 231. Credit may not be earned in both SPAN 202 and SPAN 232.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

Re-enforcement of Spanish grammar and vocabulary with focus on the knowledge of reading, writing, speaking, and listening skills. In this course particular emphasis is placed on the practice of specialized, professions-oriented vocabulary in communicative situations.

SPAN 250 Valladolid Orientation

1 cr. • V • P: Acceptance in the Valladolid Study Abroad Program and two years college Spanish or equivalent.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

Preparation for study at the Universidad de Valladolid (Spain). Presentations by faculty and "Valladolid veterans."

SPAN 301 Advanced Composition

3 crs. • F, Sp • GE-IA • P: SPAN 202 or 232.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

SPAN 302 Advanced Conversation and Composition

3 crs. • F, Sp • GE-IA • P: SPAN 301

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Advanced conversation, reading and composition practice on current topics as present in Spanish written, broadcast, and internet media.

SPAN 306 Business Culture in the Spanish Speaking World

2 crs. • F, Sp • P: SPAN 202 or 232.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Current business and culture events in the Spanish speaking world through reading, conversation, and writing. Topics in the global economy and culture will include Spanish and Latin American print, television, internet, and other media.

SPAN 312/512 Latinos in the U.S.

2 crs. • F, Sp • CD2; GE-IVD • P: SPAN 301 or consent of instructor.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Credit may not be earned in both SPAN 312 and LAS 312.

Issues relevant to the Latino population in the U.S. will be analyzed and discussed through readings, films, presentations, class discussions, and other activities. Readings and films will be primarily in English; discussions will be in Spanish.

SPAN 320/520 Spanish for the Health Professions I: Translation

3 crs. • F, Sp • P: SPAN 202 or SPAN 232.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A course focusing on Spanish language skills for health care settings. Translation practice, medical terminology and readings related to health care issues and Hispanic cultures.

SPAN 325/525 Phonetics and Pronunciation

3 crs. • F, Sp • P: SPAN 301

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 1

Theory of the Spanish sound system and intensive practice of Spanish pronunciation and intonation.

SPAN 340 Spanish for Business

3 crs. • F • P: SPAN 301 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Introduction to the Spanish business environment, including grammar review and specialized vocabulary. Taught entirely in Spanish.

SPAN 352/552 Latin American Civilization

3 crs. • F, Sp • FC; CD1; GE-IVD • P: SPAN 302 or consent of instructor. No credit if taken after SPAN 351.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

SPAN 355 Spanish Civilization to 1900

3 crs. • V • GE-IVD • P: SPAN 302 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

SPAN 356 Contemporary Spain

3 crs. • F, Sp • GE-IVD • P: SPAN 302 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

SPAN 363/563 Survey of Spanish Peninsular Literature

3 crs. • F • GE-IVD • P: SPAN 302

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This course is recommended to be taken after study abroad.

Reading, literary analysis, and discussion of works of Spanish Peninsular Literature, organized by genres (prose, poetry, theatre). Designed as introduction for advanced literature courses.

SPAN 367/567 Survey of Latin American Literature

3 crs. • F, Sp • FC; GE-IVD • P: SPAN 302 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both SPAN 367 and LAS 367. This course is recommended to be taken after study abroad.

Study and literary analysis of the work of the principal writers of Latin American Literature from indigenous to contemporary literature.

SPAN 385/585 Spanish Literature from Unamuno to Garcia Lorca

3 crs. • V • P: SPAN 363 or SPAN/LAS 367, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Peninsular Spanish literature beginning with the generation of 1898 and including writers up to and through the Spanish Civil War of 1936-39.

SPAN 386/586 Contemporary Spanish Literature

3 crs. • V • P: SPAN 363, or SPAN/LAS 367, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Continuation of Spanish 385. Spanish writers since 1940.

SPAN 395/595 Directed Studies

1-3 crs. • May be repeated • 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.

FOREIGN LANGUAGES

SPAN 399 Independent Study - Juniors

1-3 crs. • May be repeated • P: Minimum junior standing. • Department Consent Required

SPAN 405 Advanced Conversation

3 crs. • F • GE-IA • P: SPAN 355, or 356, or 363; or SPAN/LAS 352/552, or 367.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Intensive practice in Spanish conversation to promote fluency and correctness.

SPAN 409/609 The Craft of Translation

3 crs. • Sp • P: SPAN 302
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.

SPAN 410/610 Advanced Grammar

3 crs. • F, Sp • P: SPAN 302
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Advanced study of vocabulary, idioms, and grammar based on selected model written texts.

SPAN 420/620 Spanish for Health Professions II: Interpretation

3 crs. • F • P: SPAN 320
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.

SPAN 421 Government, Business, and Media in Spain and Latin America

3 crs. • Sp • Field Trip(s) Required • P: SPAN 302
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Intended as a practical introduction to the national and international business scenarios in the Hispanic world. Global, regional, and national trends in the Spanish speaking countries are evaluated. Taught entirely in Spanish.

SPAN 440 Spanish Business Writing

3 crs. • F • P: SPAN 302
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
The goal of the course is to prepare students for business writing according to the guidelines and usage of correspondence in Spanish.

SPAN 475/675 Topics in Latin American Literature

3 crs. • V • FC • May be repeated for a maximum of 6 credits • A-F Grades Only • P: SPAN 363, LAS/SPAN 367 or consent of instructor.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• Credit may not be earned in both SPAN 475 and LAS 475.
In-depth study of a particular area in Latin American literature.

SPAN 476/676 The Novel in Latin America I: 1850-1950

3 crs. • V • FC • P: SPAN 363, or SPAN/LAS 367, or consent of instructor.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• 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.

SPAN 477/677 The Novel in Latin America II: 1950-Present

3 crs. • V • FC • P: SPAN 363, or SPAN/LAS 367, or consent of instructor.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• Credit may not be earned in both SPAN 477 and LAS 477.
Continuation of SPAN/LAS 476. Covers period from 1950 to the present.

SPAN 480/680 Latin American Literature and Film

3 crs. • V • FC • P: SPAN 363 or SPAN/LAS 367.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• 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.

SPAN 482/682 Women in Latin American Literature

3 crs. • V • FC • P: SPAN 363 or SPAN/LAS 367.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• Credit may not be earned in both SPAN 482 and WMNS 482.
This course is an in-depth study of the representation of women in contemporary Spanish American literature in their historical, cultural, and social contexts. Taught entirely in Spanish.

SPAN 491/691 Special Topics

1-3 crs. • V • May be repeated for a maximum of 9 credits • P: SPAN 355, or 356, or 363; or SPAN/LAS 352, or 367, or consent of instructor.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• 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.

SPAN 499 Independent Study - Seniors

1-3 crs. • May be repeated • P: Minimum senior standing. • Department Consent Required

Geography and Anthropology

PHILLIPS 261
(715) 836-3244
<http://www.uwec.edu/geography/index.htm>

DOUGLAS FAULKNER, CHAIR

ARI ANAND, ROBERT BARTH, JEFF DEGRAVE, MARTIN GOETTL, SEAN HARTNETT, CHRISTINA HUPY, JOSEPH HUPY, HARRY JOL, PAUL KALDJIAN, GARRY RUNNING, B. JILL SMITH, DANIEL STROUTHEES, INGOLF VOGELER, RYAN WEICHELDT, CYRIL WILSON, EZRA ZEITLER.

Honor Societies and Student Organizations:

GTU: **Gamma Theta Upsilon** is a national honor society in geography.
Contact: Ryan Weichelt, weicherd@uwec.edu

Geography Club

Contact: Ezra Zeitler, zeitleej@uwec.edu, Ryan Weichelt, weicherd@uwec.edu, or Ari Anand, anandas@uwec.edu
Internship Coordinator: Christina Hupy, hupycm@uwec.edu

Geographers describe and explain the patterns and processes of natural environmental systems and the human habitation of the earth. They emphasize the importance of the location of people, places, and events; the physical and human characteristics of regions; and the relations between culture and environment.

With training in both the natural and social sciences, geographers have a wide range of career opportunities in public and private sectors. Geographers find work in urban and regional planning, marketing, real estate, tourism, transportation, teaching, environmental analysis, and natural resource management. Geographers are increasingly in demand for jobs that require expertise in geospatial techniques, such as geographic information systems (GIS), global positioning systems (GPS), remote sensing, and computer cartography.

The discipline of anthropology adopts an integrative, comprehensive approach to the study of humankind. Anthropologists seek to understand human conditions by examining the biological evolution of human beings, the human capacity to create culture, and the diverse ways of life developed by societies around the world.



Geography Curriculum

Two semesters BEFORE graduation, Geography Majors must complete a form to certify their selected courses from the Advanced Geography Approaches.

Advanced Geography APPROACHES

Physical Geography

- 304 Geomorphology
- 340 Climatology
- 345 Quaternary Environments
- 350 Soils
- 355 Biogeography
- 363 Watershed Analysis
- 364 Fluvial Processes & Landforms

Human Geography

- 155 Economic Geography
- 188 Cultural Landscapes
- 322 Native Geographies
- 352 Business Geographics
- 367 Landscape Analysis: Cultural
- 369 Geography of Food
- 446 Political Geography
- 470 Urban Geography

Geography Techniques

- 280 Cartography
- 328 Quantitative Methods**
- 335 GIS**
- 338 Remote Sensing
- 339 Computer Mapping
- 435 Advanced GIS
- 438 Advanced Remote Sensing

Human-Environmental Geography

- 270 Land Use
- 341 Weather & Society
- 361 Environmental Hazards
- 365 Tourism Geographies
- 375 Environmental Quality
- 378 International Environmental Problems
- 388 Military Geography
- 445 Historical Geography

Regional Geography

- 301 Western Europe
- 308 Russia & Eastern Europe
- 319 Middle East & North Africa
- 321 Latin America
- 325 U.S. & Canada
- 379 Wisconsin

The following courses can be applied to any of the 5 approaches with the consent of the adviser:
 368 Geography Field Seminar
 395 Directed Studies
 399 Independent Study-Juniors
 491 Special Topics
 498 Community Internship-Geography
 499 Independent Study-Seniors

Professional Geographers
CAPSTONE
 401 Capstone Seminar

Foundations of Geography
INTRODUCTION
 104 Physical Geography
 111 Human Geography
 178 Conservation
TECHNIQUES
 200 Geography Techniques

Geography Major (min. 36 credits)	Required courses Advanced courses	13 credits	3 (328 Quantitative Methods) + 3 (335 GIS) = 6 credits 5 courses from any 3 of the 5 Advanced Geography Approaches	3 credits	Total required credits: 22 Total advanced credits: min. 14
Geography Minor (min. 24 credits)	Required courses Advanced courses	13 credits	 4 courses from any 3 of the 5 Advanced Geography Approaches		Total required credits: 13 Total advanced credits: min. 11
Comprehensive Major, Environmental Geography: Geography Major coursework plus 12 credits from environmental courses from other disciplines (selected with consent of the adviser) and Geography electives to complete 60 credits.					
Comprehensive Major, International Geography: Geography Major coursework plus 12 credits from international courses from other disciplines (selected with consent of the adviser); two semesters of foreign language by credit or examination or 6 credits earned during an approved study abroad program; and Geography electives to complete 60 credits.					
Teaching Geography Major: required courses for the Geography Major plus 5 courses: 2 of the 5 courses must come from the Regional Geography Approach and the other 3 courses from two of the other four Advanced Geography Approaches (selected with consent of the adviser) to complete at least 36 credits.					
Teaching Geography Minor: required courses for the Geography Minor plus 4 courses from any 3 of the 5 Advanced Geography Approaches (selected with consent of the adviser) to complete at least 24 credits.					

GEOGRAPHY AND ANTHROPOLOGY

COMPREHENSIVE MAJOR: GEOGRAPHY, Liberal Arts

A minimum of 60 semester credits, including completion of Geog 104, 111, 178, 200, 328, 335, and 401, and five courses to be selected from three of the five Advanced Geography Approaches (see Chart).

Select from two comprehensive geography emphases: Environmental Geography or International Geography.

Environmental Geography (Code 140-007)

Geography major coursework plus 12 credits from environmental courses from other disciplines (selected with consent of adviser); Geography electives to complete 60 credits.

International Geography (Code 140-008)

Geography major coursework plus 12 credits from international courses from other disciplines (selected with consent of adviser); two semesters of foreign language by credit or examination, or six credits earned during an approved study abroad; Geography electives to complete 60 credits.

MAJOR: GEOGRAPHY, Liberal Arts (Code 140-214)

A minimum of 36 semester credits consisting of required courses (Geog 104, 111, 178, 200, 328, 335, and 401) and five courses to be selected with consent of adviser from three of the five Advanced Geography Approaches (see Chart).

MAJOR: GEOGRAPHY, Teaching (Code 140-213)

A minimum of 36 semester credits consisting of required courses (Geog 104, 111, 178, 200, 328, 335, and 401); and five courses to be selected with consent of adviser; two courses from the Regional Geography Approach and three courses from two of the remaining Advanced Geography Approaches (see Chart). This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Geography in Early Adolescence through Adolescence classrooms.

MINOR: GEOGRAPHY, Liberal Arts (Code 140-410)

A minimum of 24 semester credits consisting of required courses (Geog 104, 111, 178, and 200) and four courses to be selected with consent of adviser from three of the five Advanced Geography Approaches (see Chart).

MINOR: GEOGRAPHY, Teaching (Code 140-413)

A minimum of 24 semester credits consisting of required courses (Geog 104, 111, 178, 200), and four courses to be selected with consent of adviser from three of the five Advanced Geography Approaches (see Chart). This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Geography in Early Adolescence through Adolescence classrooms.

FIVE ADVANCED GEOGRAPHY APPROACHES: Two semesters BEFORE graduation, students must meet with their Geography adviser to certify their selection of the courses needed for all Geography majors and minors.

PHYSICAL GEOGRAPHY COURSES: Geog 304, 340, 345, 350, 355, 363, 364.

HUMAN GEOGRAPHY COURSES: Geog 155, 188, 322, 352, 367, 369, 446, 470.

HUMAN-ENVIRONMENTAL GEOGRAPHY COURSES: Geog 270, 341, 361, 365, 375, 378, 388, 445.

REGIONAL GEOGRAPHY COURSES: Geog 301, 308, 319, 321, 325, 379.

GEOGRAPHY TECHNIQUES COURSES: Geog 280, 328, 335, 338, 339, 435, 438.

OTHER GEOGRAPHY COURSES (can be applied to any of the 5 approaches with the consent of the adviser): Geog 368, 395, 399, 491, 498, 499.

MINOR: ANTHROPOLOGY, Liberal Arts (Code 470-401)

Twenty-four semester credits, including:		<u>Credits</u>
Anth/AIS 161	Introduction to Cultural Anthropology	3
Anth 165	Introduction to Physical Anthropology	3
Anth 169	Introduction to Archaeology	3
Area course (Anth 230, 355; Anth/AIS 325)		3
Electives in Anthropology courses		12

NOTE: A maximum of six credits may be selected from Geog 111; Geog/AIS 322; ArTH/AIS 324 or ArTH/AIS 335 and applied as electives in the anthropology minor.

GEOG

GEOG 104 The Physical Environment

4 crs. • F, Sp • GE-IIC; LS; Special Course Fee Required • P: Credit may be earned in only one of the following: GEOG 101, 102, 104, 106, 110, or GEOL 106.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2
Introduction to the spatial relations and interactions among the Earth's dynamic systems—atmosphere, biosphere, lithosphere, and hydrosphere (weather, climate, landforms, soils, and ecosystems).

GEOG 111 Human Geography

3 crs. • F, Sp, Su • FC; CDI; GE-IIIC

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.

GEOG 155 Economic Geography

3 crs. • Sp even years • GE-IIIC

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Classical location models of production, exchange, consumption, and development with special emphasis on the space economy of the United States.

GEOG 178 Conservation of the Environment

3 crs. • F, Sp, Su • GE-IIC; Field Trip(s) Required • P: No credit if taken after BIOL 180.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• Satisfies requirement for Wisconsin teaching licensure in science and social science.
The use and abuse of environmental resources and the problems involved in their management and conservation.

GEOG 188 Cultural Landscapes of North America

3 crs. • F, Sp • CD2; GE-IIIC

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Explores the cultural landscapes of North America, with attention to rural-urban differences, cross-national comparisons, and landscapes of the past, present, and future.

GEOG 200 Geography Techniques

3 crs. • F, Sp

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2
An introduction to the primary computer techniques used in geography, including computer mapping and spatial analysis.

GEOG 270 Land Use Issues and Problems

3 crs. • F • Field Trip(s) Required

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Basic concepts and philosophies of land use, including techniques and methodology of land use analysis.

GEOG 280 Introduction to Cartography

3 crs. • Sp

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2
• 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.

GEOG 301 Geography of Western Europe

3 crs. • V • FC; GE-IIIC

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.

GEOG 304 Introduction to Geomorphology

4 crs. • Sp • Special Course Fee Required; Field Trip(s) Required • P: GEOG 104 or GEOL 106 or GEOL 110 or GEOL 115.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4
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.

GEOG 308 Geography of Russia and Eastern Europe

3 crs. • Sp • FC; GE-IIIIC

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

GEOG 319 Geography of the Middle East and North Africa3 crs. • Sp • FC; GE-IIIIC; *Special Course Fee Required; Field Trip(s) Required*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

GEOG 321/521 Geography of Latin America

3 crs. • F • FC; GE-IIIIC

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

GEOG 322/522 Native Geographies3 crs. • Sp odd years • CD3; GE-IIIIC; *Special Course Fee Required; Field Trip(s) Required*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

GEOG 325 Geography of the United States and Canada

3 crs. • F • CD1; GE-IIIIC

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

GEOG 328 Quantitative Methods in Geography

3 crs. • Sp

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• GEOG 200 is recommended prior to enrollment in this course.

An introduction to the quantitative methods commonly used to test hypotheses in geography with an emphasis on interpretation of results produced by statistical software rather than underlying mathematical structure. Topics include measures of central tendency, mean center, nearest neighbor, Chi-square tests, simple and multiple correlation and regression, and factor analysis.

GEOG 335/535 Geographic Information Systems

3 crs. • F, Sp

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

• 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.

GEOG 338/538 Remote Sensing of the Environment3 crs. • F • *Special Course Fee Required; Field Trip(s) Required*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• GEOG 200 is recommended prior to enrollment in this course.

Descriptive interpretation of remote-sensing images from ground, aerial, and space platforms.

GEOG 339 Computer Mapping

3 crs. • F

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

GEOG 340 Climatology3 crs. • V • *Special Course Fee Required; Field Trip(s) Required* • P: GEOG 104

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Comprehensive study of climatic phenomena with emphasis on global heat and water balances, daily weather analysis, climate classification, and climate change.

GEOG 341 Weather and Society

3 crs. • Sp • GE-IIC • P: GEOG 104 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

This course provides the student with a theoretical and applied understanding of meteorological events and their subsequent impacts upon society.

GEOG 345 Quaternary Environments3 crs. • V • *Special Course Fee Required; Field Trip(s) Required* • P: GEOG 304

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

GEOG 350/550 Soils and the Environment4 crs. • F varies • *Special Course Fee Required; Field Trip(s) Required* • No Auditors • P: GEOG 104 or GEOL 110 or GEOL 115; and GEOG 304 or GEOL 312. • *Instructor Consent Required*

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4

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.

GEOG 352 Business Geographics

3 crs. • V • SL-Optional/Half • P: GEOG 328, or MATH 245 or MATH 246.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Business applications of geographic analysis and Geographic Information Systems techniques. Emphasis on threshold analysis, target market research, market area analysis, and retail site location. Approximately 25 hours of field work will be conducted during the semester. Extensive use of GIS software, large spatial databases, and database manipulation required.

GEOG 355 Biogeography4 crs. • F varies • *Field Trip(s) Required* • P: GEOG 104

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4

The study of the past and present geographic distributions of organisms, primarily plants, from historical, ecological, and regional perspectives. Emphasis is on principles and methods. Regional focus on the Great Lakes.

GEOG 361 Environmental Hazards

3 crs. • F • GE-IIC

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

GEOG 363 Watershed Analysis4 crs. • F varies • *Special Course Fee Required; Field Trip(s) Required* • P: GEOG 104 or GEOL 110 or GEOL 115; and GEOG 304 or GEOL 312. • *Instructor Consent Required*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

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.

GEOG 364 Fluvial Processes and Landforms4 crs. • Sp varies • *Special Course Fee Required; Field Trip(s) Required* • P: GEOG 104 or GEOL 110 or GEOL 115; and GEOG 304 or GEOL 312. • *Instructor Consent Required*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

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.

GEOG 365 Tourism Geographies3 crs. • V • GE-IIIIC; *Special Course Fee Required; Field Trip(s) Required*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

GEOG 366 Geography International Immersion Experience1-3 crs. • V • FC; *Special Course Fee Required; Special Course Fee Varies by Section; Field Trip(s) Required* • May be repeated for a maximum of 6 credits • A-F Grades Only • *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.

GEOG 367 Landscape Analysis: Cultural3 crs. • V • GE-IIIIC; *Field Trip(s) Required* • May be repeated for a maximum of 6 credits • P: Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Geographic analysis of cultural landscapes by means of field experiences.

GEOG 368 Geography Field Seminar3 crs. • F, Sp, Su • *Field Trip(s) Required* • May be repeated for a maximum of 6 credits • P: Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Place-based analysis using geographic methods and field investigations. Field sites and research topics will vary from semester to semester.

GEOGRAPHY AND ANTHROPOLOGY

GEOG 369 Geography of Food

3 crs. • F • FC; GE-IIIC; *Special Course Fee Required; Field Trip(s) Required* • P: *Minimum sophomore standing.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• A geography course is recommended prior to enrollment in this course.

Explores foods of the world, 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.

GEOG 375 Environmental Quality

3 crs. • V • GE-IIIC; *Special Course Fee Required*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

GEOG 378 International Environmental Problems and Policy

3 crs. • V • FC; GE-IIIC

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Examination of the threats to the global environment and the response of the international community.

GEOG 379/579 Geography of Wisconsin

3 crs. • F *even years* • GE-IIIC; *Special Course Fee Required; Field Trip(s) Required*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A geographic analysis of Wisconsin and its people, with emphasis on cultural and environmental characteristics, patterns of land use, and changing ways of life.

GEOG 388 Military Geography

3 crs. • F • *Special Course Fee Required; Field Trip(s) Required* • *Instructor Consent Required*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Explores the diversity of military geography by linking military affairs to the human and physical landscape. Examines how the environment influences military activities, how military activities impact the environment, and how technology has influenced the changing geographic dimensions of conflict.

GEOG 395/595 Directed Studies

1-3 crs. • F, Sp, Su • *May be repeated* • *Department Consent Required*

Directed study of a geographic problem approved by the supervising instructor and the Department Chair.

GEOG 399 Independent Study - Juniors

1-3 crs. • F, Sp, Su • *May be repeated* • P: *Limited to geography majors and minors. Minimum junior standing.* • *Department Consent Required*

An intensive study of a geographic topic resulting in a quality paper or report suitable for publication.

GEOG 401 Capstone Seminar

3 crs. • F • CP; *Special Course Fee Required; Field Trip(s) Required* • *May be repeated for a maximum of 6 credits* • P: *Core courses (except capstone courses) required for all geography majors.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

GEOG 435 Advanced Geographic Information Systems

3 crs. • Sp • P: GEOG 335

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

• 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.

GEOG 438 Advanced Remote Sensing

3 crs. • Sp • *Field Trip(s) Required* • P: GEOG 338

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

Explores the theory and methodology of applied remote sensing. Focus is on the principals of electromagnetic radiation, interaction of solar radiation with Earth's atmosphere and various surface classes, remote sensing systems, and digital image processing.

GEOG 445 Historical Geography

3 crs. • V • GE-IIIC; *Special Course Fee Required; Field Trip(s) Required* • P: GEOG 178 or BIOL 180.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

GEOG 446 Political Geography

3 crs. • F • GE-IIIC

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

GEOG 470 Urban Geography

3 crs. • Sp *odd years* • CD1; *Special Course Fee Required; Field Trip(s) Required*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

GEOG 491 Special Topics

1-3 crs. • F, Sp • *May be repeated* • P: *Limited to geography majors and minors. No more than six credits may be applied to the geography major or minor.* • *Instructor Consent Required*

Special topics will vary, depending on interests of students and faculty. Topics will include specific micro-regions and systematic approaches in geography.

GEOG 498 Community Internship - Geography

1-3 crs. • F, Sp, Su • SL-Full; CP; IN • *May be repeated* • *Department Consent Required*

The practical application of geographic knowledge and skills off-campus. Student will hold a part-time assignment in a community organization and receive credit toward a major or minor in geography.

GEOG 499 Independent Study - Seniors

1-3 crs. • F, Sp, Su • *May be repeated* • P: *Limited to geography majors and minors. Minimum senior standing.* • *Department Consent Required*

Same as Geog 399, except for senior majors only.

ANTH

ANTH 161 Introduction to Cultural Anthropology

3 crs. • F, Sp • FC; GE-III A

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

ANTH 165 Introduction to Physical Anthropology

3 crs. • F, Sp • GE-III A

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Investigates human biocultural evolution, through comparative analysis of fossils, contemporary primates, and genetics.

ANTH 169 Introduction to Archaeology

3 crs. • F, Sp • GE-III A

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Human cultural prehistory as inferred from archaeological evidence, from the earliest Pleistocene cultures to the development of urban life. Explores archaeological methods and techniques.

ANTH 230 Archaeology of Northeast Woodlands

3 crs. • F • GE-III A

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Detailed examination of prehistoric cultures of the Northeast Woodlands. Emphasis on ecological adjustments, subsistence base, and technological and cultural developments.

ANTH 265 Methods in Physical Anthropology

3 crs. • Sp • P: ANTH 165

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Supervised participation in physical anthropology research. Data collecting and analytical methods, techniques and procedures discussed and practiced in a laboratory setting.

ANTH 291 Special Topics

1-3 crs. • V

Topics will vary depending on interests of students and faculty.

ANTH 315/515 Language in Culture and Society

3 crs. • F • FC; CD1; GE-III A

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Examination of the rules and patterns for speech behavior in a variety of cultures. Language as an expression of social status, gender, and group membership. Study of multilingualism and language planning.

GEOGRAPHY AND ANTHROPOLOGY

ANTH 325 North American Indians

3 crs. • F, Sp • CD3; GE-III A

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both ANTH 325 and AIS 325. Previous completion of ANTH/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.

ANTH 345/545 Japanese Culture and Society

3 crs. • V • FC; GE-III A

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Contemporary Japanese culture and social organization including economy, stratification, gender roles, marriage, religion, and popular culture. Consideration of the effect of globalization on Japan and the influence of Japan on the rest of the world.

ANTH 351 Cross-Cultural Dynamics

3 crs. • V • FC; GE-III A

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Preparation for study, work, or travel abroad. Study of cultural differences in values, customs, and communication styles. Consideration of the process of adjustment to a foreign culture and the problems of intercultural communication.

ANTH 355 Peoples of Africa

3 crs. • V • FC; GE-III A

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Comparative study of traditional sub-Saharan African forms of social groupings, political organization, and religions and philosophies. Consideration of the impact of economic development, neocolonialism, and globalization on traditional cultures.

ANTH 356/556 Women in Cross-Cultural Perspective

3 crs. • F • FC; GE-III A

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both ANTH 356 and WMNS 356.

Study of women's domestic, social, economic, political, and religious roles in a broad range of the world's societies. Examination of the historical development of women's roles and contemporary changes.

ANTH 395 Directed Studies

1-3 crs. • F, Sp, Su • May be repeated • P: Six credits in Anthropology. Minimum resident GPA of 2.50. • Department Consent Required

Directed study of an anthropological problem approved by the supervising instructor and department chair.

ANTH 399 Independent Study - Juniors

1-3 crs. • F, Sp, Su • May be repeated • P: Minimum junior standing. • Department Consent Required

An intensive study of an anthropological topic resulting in a quality paper or report.

ANTH 422/622 Anthropology of Law

3 crs. • F • GE-III A • P: Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

The scientific study of comparative law. Examines and analyzes a wide variety of legal systems, plus theories of law, legal change, change of legal systems, and justice.

ANTH 432 Anthropological Fieldwork Methods and Research Design

3 crs. • Sp • FC • A-F Grades Only • P: ANTH 161; 300-level cultural anthropology course or may be taken concurrently (ANTH 315, 325, 345, 351, 355 or 356). • Instructor Consent Required

Seminar Hours: 3 | Lab/Studio Hours: 0

This seminar offers a broad introduction to the subject of fieldwork in socio-cultural anthropology, with the goal of training students to undertake independent research. Foci include methodology, field experience, and outstanding research examples.

ANTH 463 Religion and Culture

3 crs. • Sp • CD1; GE-III A • P: ANTH/AIS 161

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ANTH 491 Special Topics

1-3 crs. • V • May be repeated for a maximum of 9 credits • P: Minimum junior standing.

Topics will vary depending on interests of students and faculty. Proposed topics include American Indian religion and philosophy.

ANTH 499 Independent Study - Seniors

1-3 crs. • F, Sp • May be repeated • P: Minimum senior standing. • Department Consent Required

An intensive study of an anthropological topic resulting in a quality paper or report.

Geology

PHILLIPS 157

(715) 836-3732

<http://www.uwec.edu/geology/index.htm>

KENT SYVERSON, CHAIR

SCOTT CLARK, KATHERINE GROTE, KAREN HAVHOLM, ROBERT HOOPER, PHILLIP IHINGER, J. BRIAN MAHONEY, GEOFFREY PIGNOTTA, LORI SNYDER.

Honor Societies and Student Organizations:

The Geology Department offers two student organizations. The Geology Club (which is open to all majors and minors) and Sigma Gamma Epsilon (which is only open to students who have completed at least 12 semester hours in Earth Science courses and have maintained an overall GPA of 3.00 in all Earth Science courses and an overall resident GPA of 2.67). Please visit the department office for more information.

Geology is the study of the earth and earth processes. Geologists work to solve environmental problems and supervise the exploration and development of earth resources. They are employed in industry, by governmental and regulatory agencies, and as educators. Although most professions in geology require graduate school training, a bachelor's degree in geology allows options in other professional fields such as environmental geology and resource law and engineering. The Geology Department provides a rigorous but flexible program, and stresses the importance of a broad science curriculum. A curriculum balancing field and laboratory experience is tailored to meet the needs of each individual. The geology major is flexible enough to allow individual students to customize their program. Examples of customized programs (to be designed working with an adviser) include Marine Geology, Geochemistry, and Geophysics.

DEPARTMENTAL HONORS PROGRAM IN GEOLOGY

Entrance Requirements: Admission is by departmental invitation, usually upon completion of Geology 470. In order to be considered, Geology majors should carry a 3.5 cumulative GPA and a 3.5 GPA in Geology courses.

Requirements for Continued Participation: Students should maintain a minimum 3.5 cumulative GPA and a 3.5 GPA in Geology courses.

Graduation Requirements: (1) Satisfactorily complete one substantial faculty-student research collaboration in Geology that results in a presentation at a regional, national, or international professional conference. (2) Satisfactorily complete Geol 395, 399, 497 (Honors Independent Study), or Geol 499, which include an Honors capstone thesis or substantial paper written under the supervision of a Geology faculty member, or publish the collaborative research results in a peer-reviewed journal. (3) Maintain a 3.5 cumulative GPA and a 3.5 GPA in Geology courses.

CORE REQUIREMENTS FOR ALL LIBERAL ARTS AND TEACHING EMPHASES IN THE COMPREHENSIVE GEOLOGY MAJOR

(23-25 credits)

		<u>Credits</u>
Geol	106 Earth Science, <i>or</i>	
	110 Physical Geology, <i>or</i>	
	115 Environmental Geology, <i>or</i>	
	118 Societal Issues in Earth Science	4
	312 Mineralogy and Petrology I	5
	320 Sedimentology/Stratigraphy	4
	468 Computers in Geology	1
	470 Field Geology I	3
Chem	115 Chemical Principles (or equivalent)	6
	*Capstone Experience	0-2

*Each major is required to complete a capstone experience.

For liberal arts majors, the capstone options may include: Geol 395 (for a minimum of two credits) or 471. The capstone will consist of student selection of one of the following options: faculty/student collaborative research, preparation and presentation of a department seminar, internship, field experiences, or other approved experiences. Students working with their adviser will submit a proposal to the department faculty outlining their choice of the capstone experience and explicitly stating how the capstone fits into

GEOLOGY

their personal career goals. The proposal for a capstone experience must be submitted to the chair of the department no later than the second week of the first semester of the senior year.

For teaching majors, the capstone may be satisfied by successful completion of the professional semester in the College of Education and Human Sciences.

COMPREHENSIVE MAJOR: GEOLOGY,

Liberal Arts

The objective of the comprehensive major in geology is to prepare students for graduate programs in geological sciences or for careers as professional geologists, hydrogeologists, or geological engineers. The liberal arts comprehensive major requires completion of the Core and one of the five Emphases listed below.

NOTE: Engl 308, Scientific Communication for Expert Audiences, is strongly recommended to be taken as the GE-IA requirement for students in any of the following emphases.

General Geology Emphasis (Code 160-010)

Recommended for students planning careers in geology, especially those that plan on attending graduate school in geology or engineering. This emphasis comprises the Core plus the required and elective credits as listed below.

<i>Required Courses</i>	<u>Credits</u>
Geol 313 Mineralogy and Petrology II	4
315 Hydrogeology I	4
330 Structural Geology	4
418 Earth History	4
471 Field Geology II	3
Math 215 Calculus II	4
* Phys 211 General Physics, <i>or</i>	
Phys 231 University Physics I	5
CS 170 Computing for the Sciences and Mathematics, <i>or</i>	
Geog 335 Geographic Information Systems	3

*Students should be advised that a second semester of physics is usually required for entrance to graduate school.

Electives: at least two courses selected from: Geol 336, 345 or 420, 365, 416, 445; and additional elective credits to total at least 60 credits selected from: Biol 110, 308, 330, 338, 345, 356, 375; Chem 213, 218, 433, 434, 442; Geog 338, 345, 350, 363, 364, 435; any geology course numbered 300 or above; Math 216, 246, 311, 324; Phys 212 or 232, 226, 229, 350, 375.

Hydrogeology and Water Chemistry Emphasis (Code 160-013)

Recommended for students planning careers in geology such as hydrogeology, geochemistry, and environmental geology. This program is designed to fulfill requirements for admission to graduate programs in hydrogeology, geochemistry, and environmental geology. This program also meets 1998 Wisconsin Department of Natural Resources' academic requirements for classification as a hydrogeologist. This emphasis includes the Core plus the required and elective credits as listed below.

<i>Required Courses</i>	<u>Credits</u>
Geol 308 Water Resources	3
315 Hydrogeology I	4
330 Structural Geology, <i>or</i>	
418 Earth History	4
336 Geochemistry	3
345 Geomorphology and Aerial Photography Interpretation	3
416 Hydrogeology II	4
445 Engineering Geology and Geophysics	5
Math 215 Calculus II	4
* Phys 211 General Physics, <i>or</i>	
Phys 231 University Physics I	5
CS 170 Computing for the Sciences and Mathematics, <i>or</i>	
Geog 335 Geographic Information Systems	3

*Students should be advised that a second semester of physics is usually required for entrance to graduate school.

Plus electives to total at least 60 credits selected from the following: Chem 213, 218, 325, 401, 426, 433; Geog 350, 363, 364, 435; or any geology course numbered 300 or higher.

Environmental Science Emphasis (Code 160-011)

Recommended for students who are interested in careers working in environmental fields or who desire to attend graduate school in environmental science, environmental law, or resource planning. Requires completion of the Core plus the required credits as listed below to total at least 60 credits.

<i>Required Courses</i>	<u>Credits</u>
Geol 301 Earth Resources	3
308 Water Resources	3
Geol 315 Hydrogeology I	4
Geol 330 Structural Geology, <i>or</i>	
418 Earth History	4
345 Geomorphology and Aerial Photography Interpretation, <i>or</i>	
420 Glacial Geology	3
416 Hydrogeology II	4
Biol 110 Ecology and Evolution	4
Biol 328 Conservation Biology, <i>or</i>	
338 Vegetation Ecology, <i>or</i>	
375 Limnology and Aquatic Ecology, <i>or</i>	
376 Aquatic Ecology	3-4
Geog 335 Geographic Information Systems	3
Math 114 Calculus I	4

Plus electives to total at least 60 credits selected from any geology course numbered 291 or higher.

Dual Degree Geological Engineering Emphasis (Code 160-014)

This emphasis combines the benefits of a traditional geology degree with those of a formal engineering education. In this program students receive a UW-Eau Claire geology degree in conjunction with a bachelor's degree in engineering from the University of Minnesota. Students will typically complete most of the UW-Eau Claire University requirements and Dual Degree geology requirements while at UW-Eau Claire before transferring to the engineering school. Students must complete a minimum of 84 semester credits before transferring to the engineering school, 56 of which must be taken in residency at UW-Eau Claire.

This emphasis comprises the geology Core plus the required credits as listed below. Successful completion of Geol 470 with a grade of C or above will constitute completion of the capstone experience. Students should visit the department office for a sample course schedule that would allow them to complete three full years at UW-Eau Claire and be prepared to transfer to the University of Minnesota for an additional one to two years.

<i>Required Courses</i>	<u>Credits</u>
Geol 313 Mineralogy and Petrology II	4
315 Hydrogeology I	4
330 Structural Geology	4
345 Geomorphology and Aerial Photography Interpretation, <i>or</i>	
418 Earth History, <i>or</i>	
445 Engineering Geology and Geophysics	3-5
Math 215 Calculus II	4
216 Calculus III	4
255 Statics	3
Phys 231 University Physics I	5
232 University Physics II	5

For students planning to practice as professional engineers, Geog 335; Geol 345, 416 and 445 at UW-Eau Claire or equivalent courses at University of Minnesota are strongly recommended.

NOTE: Students should plan on taking Math 311 (UW-Eau Claire; Differential Equations) or Math 2243 (University of Minnesota; Differential Equations and Linear Algebra) prior to the first semester at University of Minnesota. Differential Equations is a prerequisite for the fluid mechanics course which is to be taken during the first semester at UM.

COMPREHENSIVE MAJOR: GEOLOGY, Teaching Earth and Space Science Emphasis (Code 160-015)

This emphasis is for students planning to teach Earth and Space Science at the middle or high school level. In addition to a focus on geology, oceanography, astronomy, and meteorology, this major also provides the breadth required to be well-rounded in science. This emphasis includes the Core plus required and elective credits as listed below.

<i>Required Courses</i>	<u>Credits</u>
Geol 102 Oceanography	3
Geol 301 Earth Resources, <i>or</i>	
Geol 308 Water Resources	3
Geol 418 Earth History	4
Phys 211 General Physics, <i>or</i>	
Phys 231 University Physics I	5
Phys 226 Astronomy – Solar System	4
Math 114 Calculus I	4
Biol 110 Ecology and Evolution	4
Biol 180 Conservation and the Environment	3
Geog 340 Climatology, <i>or</i>	
Geog 361 Environmental Hazards	3

Plus *electives* to total at least 60 credits selected from the following: Phys 212 or 232, 229, 315; Biol 111; Geog 280, 304, 338, 350, 363, 364, or any geology course numbered 300 or higher.

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Earth and Space Science in Early Adolescence through Adolescence classrooms.

NOTE: Completion of the following requirements and ES 367 adds Broadfield Science licensure to the Teaching major:

A. At least 14 credits from one of the following areas: (1) Biol 111, 151, 211 and any other biology course; (2) Chem 213, 218, 304, 325; (3) Phys 212 or 232 and additional credits from 229 and above 232.

B. Eight credits in each of the two areas not selected in A above: (1) Biol 111 and 151; (2) Select from Chem 213, 218, 304, 325; (3) Phys 212 or 232 and additional credits from 229 and above 232.

Courses selected for the Broadfield Science licensure may not also be used as electives for the Earth and Space Science Teaching major.

MAJOR: GEOLOGY, Liberal Arts (Code 160-204)

The Liberal Arts major in geology emphasizes broad training in general science; the relationship between earth science and other sciences; and the flexibility and creativity in program design for meeting an individual student's interest and employment needs. This major requires completion of the Core liberal arts program plus elective credits. This non-comprehensive major also requires completion of a minor or a second major in another department.

CORE REQUIREMENTS FOR THE GEOLOGY MAJOR

(27-29 credits)

<i>Required Courses</i>	<u>Credits</u>
Geol 106 Earth Science, <i>or</i>	
110 Physical Geology, <i>or</i>	
115 Environmental Geology, <i>or</i>	
118 Societal Issues in Earth Science	4
312 Mineralogy and Petrology I	5
320 Sedimentology/Stratigraphy	4
418 Earth History	4
468 Computers in Geology	1
470 Field Geology I	3
Chem 115 Chemical Principles (or equivalent)	6

*Capstone Experience 0-2

Plus electives to total at least 36 credits selected from any geology course numbered 300 or higher.

*Each major is required to complete a capstone experience which may include: Geol 395 (for a minimum of two credits) or 471. The capstone will consist of student selection of one of the following options: faculty/student

collaborative research, preparation and presentation of a department seminar, internship, field experiences, or other approved experiences. Students working with their adviser will submit a proposal to the department faculty outlining their choice of the capstone experience and explicitly stating how the capstone fits into their personal career goals. The proposal for a capstone experience must be submitted to the Chair of the Department no later than the second week of the first semester of the senior year.

NOTE: Engl 308, Scientific Communication for Expert Audiences, is strongly recommended to be taken as the GE-IA requirement for students in this major.

MINOR: GEOLOGY, Liberal Arts (Code 160-401)

Twenty-four semester credits in geology, including Geol 106, or 110, or 115, or 118, and 312, and a minimum of six semester credits earned from any of the following courses: Geol 291, 301, 303, 304, 308, 313, 315, 320, 330, 336, 337, 343, 345, 365, 390, 395, 416, 418, 420, 445, 468, 470, 471, 491. Recommended: Geol 470 and 471.

NOTE: Engl 308, Scientific Communication for Expert Audiences, is strongly recommended to be taken as the GE-IA requirement for students in this minor.

MINOR: GEOLOGY, Teaching (Code 160-402)

Twenty-four semester credits, including Geol 106, 110, 115 or 118; 312, 320, 418, 468, 470, and courses selected from any of the following: any geology course numbered 300 or higher; Phys 226, 229; Geog 304, 340, 350, 361, 363 or 364.

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Earth and Space Science in Early Adolescence through Adolescence classrooms. Students are advised to combine this minor with a Biology, Chemistry, Physics, or Physics-Math teaching major in order to be prepared for the Praxis II content test. Successful completion of this broad-based science test is required for certification to teach in this field. When combined with a Biology Teaching major, ES 359 is also required for EA-A licensure.

Satisfactory/Unsatisfactory Policy.

No degree credit may be earned under the Satisfactory/Unsatisfactory option in any required courses in a geology major or minor.

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GEOL 102 Oceanography

3 crs. • F, Sp • GE-IID

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

GEOL 106 Earth Science

4 crs. • F, Sp • GE-IID; LS; SL-Optional/Half; Special Course Fee Required; Field Trip(s) Required • P: Limited to elementary education and special education majors. Credit may be earned in only one of the following: GEOL 106, or GEOL 110, or GEOL 115, or GEOL 118, or GEOL 130 and GEOL 131.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4

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.

GEOL 110 Physical Geology

4 crs. • F, Sp • GE-IID; LS; Special Course Fee Required; Field Trip(s) Required • P: 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.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

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.

GEOL 115 Environmental Geology

4 crs. • F, Sp, Su • GE-IID; LS; Special Course Fee Required; Field Trip(s) Required • P: 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.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

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.

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GEOL 118 Societal Issues in Earth Science

4 crs. • F • GE-IID; LS; *Special Course Fee Required; Field Trip(s) Required • A-F Grades Only • P: 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.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

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.

GEOL 122 The Future of Global Energy

3 crs. • F • GE-IID; *Special Course Fee Required; Field Trip(s) Required*

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

• No credit if taken after IDIS 152 when offered as Global Energy in Spring 2009.

Examination of traditional and alternative energy sources with respect to supply, recovery, distribution, environmental impact and sustainability and the relationship between energy and social, economic and public policy issues and local, regional and global politics.

GEOL 201 Geology of Our National Parks and Monuments

2 crs. • F, Sp • GE-IID

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• 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.

GEOL 291 Special Topics

1-3 crs. • V • *May be repeated*

Geologic topics of current, special interest; includes field excursions.

GEOL 301 Earth Resources

3 crs. • F, Sp • GE-IID; *Special Course Fee Required; Field Trip(s) Required • P: GEOL 106, or GEOL 110, or GEOL 115, or GEOL 118 or GEOL 130 and GEOL 131; or GEOG 101, or GEOG 104.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Origin, distribution, use, misuse, and conservation of minerals, water, soil, and fuels. Alternative resources and life-styles for the future are evaluated.

GEOL 303 Rocky Mountain Field Studies

3 crs. • Su • GE-IID; *Special Course Fee Required • P: Previous course in GEOL. • Instructor Consent Required*

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 4

Field study of geologic features and processes in the Rocky Mountains. One week lecture and laboratory on UW- Eau Claire campus, ten days in the field on Rocky Mountains. Camping equipment and extensive field work (hiking) is required.

GEOL 304 Global Environmental Change

3 crs. • F, V • GE-IID • P: GEOL 106, or GEOL 110, or GEOL 115, or GEOL 118 or GEOL 130 and GEOL 131, or GEOG 101, or GEOG 104.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

The composition, structure, and dynamics of the solid earth, oceans, and atmosphere are explored to understand the global geo- and bio-chemical cycles that govern the natural response to environmental change on global scales.

GEOL 308 Water Resources

3 crs. • Sp, V • GE-IID; *Field Trip(s) Required • P: GEOL 106 or 110 or 115; or GEOG 101 or 104 or 178 or 185.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

GEOL 312 Mineralogy and Petrology I

5 crs. • F • *Special Course Fee Required; Field Trip(s) Required • P: GEOL 106, or GEOL 110, or GEOL 115 or GEOL 118, or GEOL 130 and GEOL 131; CHEM 103, or CHEM 101, or CHEM 115.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 4

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.

GEOL 313 Mineralogy and Petrology II

4 crs. • Sp • P: GEOL 312

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4

Study of igneous, sedimentary, and metamorphic rocks and minerals with an emphasis on laboratory and petrographic analysis.

GEOL 315/515 Hydrogeology I

4 crs. • F • *Field Trip(s) Required • P: 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.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 3

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.

GEOL 320 Sedimentology and Stratigraphy

4 crs. • Sp • *Special Course Fee Required; Field Trip(s) Required • P: GEOL 312*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

Origin and evolution of sedimentary rocks, with emphasis on sedimentary processes, stratigraphic principles, and basin evolution.

GEOL 330 Structural Geology

4 crs. • Sp • *Special Course Fee Required; Field Trip(s) Required • P: GEOL 312*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

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.

GEOL 336/536 Introduction to Geochemistry

3 crs. • Sp • P: GEOL 312; CHEM 104 or CHEM 115.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Application of chemistry to geologic problems. Principles of isotope geochemistry, thermodynamics, chemistry of natural waters, and computer modeling of geochemical systems.

GEOL 337/537 Analytical Geochemistry Laboratory

1 cr. • V • P: GEOL 336 or concurrent registration.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2

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.

GEOL 343 Geological Field Excursion

1-2 crs. • V • GE-IID; *Special Course Fee Required • May be repeated for a maximum of 4 credits • A-F Grades Only • P: One Geology 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.

GEOL 345 Geomorphology and Aerial Photography Interpretation

3 crs. • F, V • *Field Trip(s) Required • P: GEOL 312 or GEOG 304.*

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

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.

GEOL 365 Economic Mineral Deposits

3 crs. • F, V • *Special Course Fee Required; Field Trip(s) Required • P: GEOL 312*

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

Origin, association, and exploitation of metallic and nonmetallic mineral deposits. Study of ore suites from selected mining districts and methods of evaluating ore deposits.

GEOL 390 Geologic Immersion Experience

1-4 crs. • V • FC; GE-IID; LS; SL-Optional/Half; *Special Course Fee Required; Field Trip(s) Required • May be repeated for a maximum of 8 credits • A-F Grades Only • 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.

GEOL 395 Directed Studies

1-3 crs. • F, Sp, Su • *May be repeated • 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.

GEOL 399 Independent Study - Juniors

1-3 crs. • F, Sp, Su • *May be repeated • P: Minimum junior standing. • Department Consent Required*

Individual research or studies of distinctive nature.

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GEOL 416/616 Hydrogeology II

4 crs. • Sp • Field Trip(s) Required • P: GEOL 315

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

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.

GEOL 418 Earth History

4 crs. • F • Special Course Fee Required; Field Trip(s) Required • P: GEOL 312 and 320.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

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.

GEOL 420 Glacial Geology

3 crs. • F, V • Field Trip(s) Required • P: 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.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

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.

GEOL 445/645 Engineering Geology and Geophysics

5 crs. • E, V • Field Trip(s) Required • P: GEOL 312; PHYS 211 or 231; MATH 114 or consent of instructor.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 2

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.

GEOL 468 Computers in Geology

1 cr. • F • Field Trip(s) Required • A-F Grades Only • P: GEOL 320

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

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.

GEOL 470 Field Geology I

3 crs. • Sp • Special Course Fee Required • P: GEOL 312, GEOL 320, and GEOL 468. • 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.

GEOL 471 Field Geology II

3 crs. • Su • Special Course Fee Required • P: GEOL 330 and 470. • 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.

GEOL 491/691 Advanced Special Topics

1-4 crs. • V • May be repeated • P: Limited to geology majors and minors.

Topics of special interest and current relevance to the advanced geology student; includes field excursions. Topics vary.

GEOL 499 Independent Study - Seniors

1-3 crs. • F, Sp, Su • May be repeated • P: Minimum senior standing. • Department Consent Required

COURSES OFFERED AT THE GULF COAST RESEARCH LABORATORY, OCEAN SPRINGS, MISSISSIPPI

The University of Wisconsin-Eau Claire maintains a formal affiliation arrangement with the Gulf Coast Research Laboratory (GCRL) in Ocean Springs, Mississippi. Through this arrangement, students may take field courses in marine science at GCRL during the summer. Grades and completed coursework from the GCRL are initially awarded and transcribed by the University of Southern Mississippi, but will be considered resident credit for students pursuing a degree at UW-Eau Claire.

Students may obtain more information about GCRL and admission to the summer program by contacting Dr. David Lonzarich, On-Campus Affiliate Coordinator, UW-Eau Claire Department of Biology or by writing the Office of Student Services, Department of Coastal Sciences, Gulf Coast Research Laboratory, Ocean Springs, MS 39564.

Phone: (228) 872-4200; or visit the Web site at www.usm.edu/gcrl.

History

HIBBARD HUMANITIES HALL 701

(715) 836-5501

<http://www.uwec.edu/history/index.htm>

KATE LANG, CHAIR

OSCAR CHAMBERLAIN, ERIN DEVLIN, SELIKA DUCKSWORTH-LAWTON, PAULIS LAZDA, BRIAN LEVIN-STANKEVICH, JOHN MANN, JAMES OBERLY, JOSEPH ORSER, JANE PEDERSON, EUGENIO PINERO, LOUISA RICE, TERESA SANISLO, REIKO SHINNO, PATRICIA TURNER, MATTHEW WATERS.

The study of history examines how men and women throughout the world have lived in the past. It pays special attention to continuities and changes in human communities over time and to interactions among people from different cultures. The study of history enhances critical thinking and effective communication by teaching students how to evaluate different interpretations of the past. It teaches them to use evidence effectively to understand the meaning and impact of events and processes. Studying history increases students' social responsibility as they come to understand their own life experiences as part of an historical process. History students master the essential skills of a liberal education by learning to read critically, to manage and analyze information, to build logical arguments, and to write persuasively.

Students can major and minor in history through the College of Arts and Sciences or through the College of Education and Human Sciences. History majors in the College of Education and Human Sciences prepare to teach history in secondary schools. History majors in the College of Arts and Sciences often pursue careers in fields such as law, government, journalism, business, and information management. The department also offers a public history emphasis within the major for students interested in working in museums, archives, historic preservation, and other public history career fields. Some students continue academic study and obtain graduate degrees so that they can further their public history careers or teach at the post-secondary level.

MAJOR: HISTORY, Liberal Arts (Code 380-201)

This major consists of 36 semester credits, including:

- I. Foundational requirement** **6 credits**
(Hist 124 or Hist 125 and at least one of the following courses: Hist 114, Hist 115, Hist/Wmns 205, Hist 210, Hist/AIS 240)
- II. Diversity requirement** **6 credits**
(Choose from: Hist/Wmns 205, Hist 210, Hist/AIS 240, Hist/Wmns 385, Hist/Wmns 394, Hist 344, Hist/AIS 368, Hist/AIS 369, Hist 370, Hist/Wmns 373, Hist/Wmns 378)
- III. Global requirement** **6 credits**
(Choose from: Hist 204, Hist 252, Hist 284, Hist 286, Hist 292, Hist 302, Hist 304, Hist 306, Hist 315, Hist 326, Hist 360, Hist 362, Hist 366, Hist 371, Hist 375, Hist 379, Hist 381, Hist 382, Hist 383, Hist 384, Hist/Wmns 385, Hist 387, Hist 388, Hist 389, Hist 393, Hist/LAS 309, Hist/LAS 311, Hist 376, Hist 377)
- IV. Capstone Sequence requirement** **6 credits**
(Hist 288, Hist 488, Hist 489)
- V. Concentration requirement** **9 credits**

Students must complete 9 credits from one of the following concentrations. Six of the 9 credits must be taken at the 300- or 400-level.

A. The Americas

(Hist/Wmns 205, Hist 210, Hist/AIS 240, Hist 384, Hist 386, Hist/LAS 309, Hist/LAS 311, Hist 330, Hist 332, Hist 334, Hist 336, Hist 338, Hist 342, Hist 358, Hist/AIS 368, Hist/AIS 369, Hist/Wmns 373, Hist/Wmns 378, Hist 376)

B. Global, Comparative and Pacific World (includes courses which are explicitly comparative and/or transnational (beyond Europe) or which focus on nations on the Pacific (beyond the U.S.))

(Hist 252, Hist 286, Hist 292, Hist 302, Hist 366, Hist 371, Hist 375, Hist 379, Hist 381, Hist 382, Hist 383, Hist 384, Hist/Wmns 385, Hist 387, Hist 388, Hist 389, Hist 393, Hist/LAS 309, Hist/LAS 311, Hist 376, Hist 377)

HISTORY

C. Europe and the Mediterranean

(Hist 204, Hist 284, Hist 286, Hist 292, Hist 302, Hist 304, Hist 306, Hist 315, Hist 326, Hist 360, Hist 362, Hist 366, Hist 371, Hist 375, Hist 379, Hist 381, Hist/Wmns 385, Hist 376)

D. Race, Gender and Society

(Hist/Wmns 205, Hist 210, Hist/AIS 240, Hist/Wmns 385, Hist/Wmns 394, Hist 358, Hist/AIS 368, Hist 370, Hist/Wmns 373, Hist/Wmns 378, Hist/AIS 369)

VI. Remaining credits to total at least 36 to be selected from any History course.

Notes: 1) The same course may be taken to satisfy more than one requirement, when relevant.

2) Relevant history courses other than those listed above may be counted to fulfill requirements with department approval.

3) History 288 should be taken before any 300-level or 400-level course, if possible.

4) A maximum of 17 credits from 100- and 200-level courses, including History 288, can count toward the major.

MAJOR: HISTORY, Liberal Arts, Public History Emphasis (Code 380-205)

This major consists of 36 semester credits, including:

I. Foundational requirement **6 credits**
(Hist 124 or Hist 125 and at least one of the following courses: Hist 114, Hist 115, Hist/Wmns 205, Hist 210, Hist/AIS 240)

II. Diversity requirement **6 credits**
(Choose from: Hist/Wmns 205, Hist 210, Hist/AIS 240, Hist/Wmns 385, Hist/Wmns 394, Hist 344, Hist/AIS 368, Hist/AIS 369, Hist 370, Hist/Wmns 373, Hist/Wmns 378)

III. Capstone Sequence requirement **6 credits**
(Hist 288, Hist 488, Hist 489)

Note: Students must target their capstone project in Hist 489 at a public audience.

IV. Public History Sequence requirement **9 credits**
(Hist 386, Hist 486, Hist 498)

V. Concentration requirement **9 credits**
Students must complete 9 credits from one of the following concentrations. Six of the 9 credits must be taken at the 300 or 400 level.

A. The Americas

(Hist/Wmns 205, Hist 210, Hist/AIS 240, Hist 384, Hist 386, Hist/LAS 309, Hist/LAS 311, Hist 330, Hist 332, Hist 334, Hist 336, Hist 338, Hist 342, Hist 358, Hist/AIS 368, Hist/AIS 369, Hist/Wmns 373, Hist/Wmns 378, Hist 376)

B. Global, Comparative and Pacific World (includes courses which are explicitly comparative and/or transnational (beyond Europe) or which focus on nations on the Pacific (beyond the U.S.))

(Hist 252, Hist 286, Hist 292, Hist 302, Hist 366, Hist 371, Hist 375, Hist 379, Hist 381, Hist 382, Hist 383, Hist 384, Hist/Wmns 385, Hist 387, Hist 388, Hist 389, Hist 393, Hist/LAS 309, Hist/LAS 311, Hist 376, Hist 377)

C. Europe and the Mediterranean

(Hist 204, Hist 284, Hist 286, Hist 292, Hist 302, Hist 304, Hist 306, Hist 315, Hist 326, Hist 360, Hist 362, Hist 366, Hist 371, Hist 375, Hist 379, Hist 381, Hist/Wmns 385, Hist 376)

D. Race, Gender and Society

(Hist/Wmns 205, Hist 210, Hist/AIS 240, Hist/Wmns 385, Hist/Wmns 394, Hist 358, Hist/AIS 368, Hist 370, Hist/Wmns 373, Hist/Wmns 378, Hist/AIS 369)

VII. Remaining credits to total at least 36 to be selected from any History course.

Notes: 1) The same course may be taken to satisfy more than one requirement, when relevant.

2) Relevant history courses other than those listed above may be counted to fulfill requirements with department approval.

3) History 288 should be taken before any 300-level or 400-level course, if possible.

4) A maximum of 17 credits from 100- and 200-level courses, including History 288, can count toward the major.

MAJOR: HISTORY, Teaching (Code 380-206)

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach History in Early Adolescence through Adolescence classrooms.

This major consists of 36 semester credits, including

I. Foundational requirement **12 credits**
(Hist 124, Hist 125, Hist 114, and at least one of the following courses: Hist 115, Hist/Wmns 205, Hist 210, Hist/AIS 240)

II. Native American History requirement **3 credits**
(Choose from: Hist/AIS 240, Hist/AIS 368, Hist/AIS 369)

III. Global requirement **3 credits**
(Choose from: Hist 204, Hist 252, Hist 284, Hist 286, Hist 292, Hist 302, Hist 304, Hist 306, Hist 315, Hist 326, Hist 360, Hist 362, Hist 366, Hist 371, Hist 375, Hist 379, Hist 381, Hist 382, Hist 383, Hist 384, Hist/Wmns 385, Hist 387, Hist 388, Hist 389, Hist 393, Hist/LAS 309, Hist/LAS 311, Hist 376, Hist 377)

IV. Capstone Sequence requirement **6 credits**
(Hist 288, Hist 488, Hist 489)

V. Concentration requirement **9 credits**
Students must complete 9 credits from one of the following concentrations. Six of the 9 credits must be taken at the 300 or 400 level.

A. The Americas

(Hist/Wmns 205, Hist 210, Hist/AIS 240, Hist 384, Hist 386, Hist/LAS 309, Hist/LAS 311, Hist 330, Hist 332, Hist 334, Hist 336, Hist 338, Hist 342, Hist 358, Hist/AIS 368, Hist/AIS 369, Hist/Wmns 373, Hist/Wmns 378, Hist 376)

B. Global, Comparative and Pacific World (includes courses which are explicitly comparative and/or transnational (beyond Europe) or which focus on nations on the Pacific (beyond the U.S.))

(Hist 252, Hist 286, Hist 292, Hist 302, Hist 366, Hist 371, Hist 375, Hist 379, Hist 381, Hist 382, Hist 383, Hist 384, Hist/Wmns 385, Hist 387, Hist 388, Hist 389, Hist 393, Hist/LAS 309, Hist/LAS 311, Hist 376, Hist 377)

C. Europe and the Mediterranean

(Hist 204, Hist 284, Hist 286, Hist 292, Hist 302, Hist 304, Hist 306, Hist 315, Hist 326, Hist 360, Hist 362, Hist 366, Hist 371, Hist 375, Hist 379, Hist 381, Hist/Wmns 385, Hist 376)

D. Race, Gender and Society

(Hist/Wmns 205, Hist 210, Hist/AIS 240, Hist/Wmns 385, Hist/Wmns 394, Hist 358, Hist/AIS 368, Hist 370, Hist/Wmns 373, Hist/Wmns 378, Hist/AIS 369)

VI. Remaining credits to total at least 36 to be selected from any History course.

Notes: 1) The same course may be taken to satisfy more than one requirement, when relevant.

2) Relevant history courses other than those listed above may be counted to fulfill requirements with department approval.

3) History 288 should be taken before any 300-level or 400-level course, if possible.

4) A maximum of 17 credits from 100- and 200-level courses, including History 288, can count toward the major.

MINOR: HISTORY, Liberal Arts (Code 380-401)

Twenty-four semester credits, including:

- I. At least 6 credits of history courses at the 100-200 level.
- II. At least 12 credits of history courses at the 300-400 level.

MINOR: HISTORY, Teaching (Code 380-404)

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach History in Early Adolescence through Adolescence classrooms.

Twenty-four semester credits, including:

- | | |
|--|---------------------|
| I. Hist 124 and 125, World History | <u>Credits</u>
6 |
| II. Hist 114 | 3 |
| Choose from 115, 210; Hist/AIS 240, or Hist/Wmns 205 | 3 |

- III. History Methodology 2
 Hist 288 (take before any upper-level history course)
- IV. History electives at 300- and 400-level 10
 NOTE 1: At the upper-division level, three credits must be in U.S. History (330, 332, 334, 336, 338, 342, 344, 370, 376, 377, 384, 386, 480, 486; Hist/AIS 368, 369; Hist/Wmns 373) and three credits in non-U.S. History (302, 304, 306, 315, 324, 326, 360, 362, 366, 371, 375, 379, 383, 384, 387, 388, 389; Hist/LAS 309, 311; Hist/Wmns 385).

DEPARTMENT HONORS IN HISTORY

Eligibility: Upper-class History and Broadfield Social Studies-History single-concentration majors with resident and total GPAs of 3.50 or higher; GPA of 3.50 or higher in History courses; and GPA of 3.75 or higher in History 288, History 488, and History 489 (combined).

Procedure: A written application for Departmental Honors in History should be submitted to the Department Honors Adviser for approval.

Requirements:

- One credit of History 396: Honors Directed Study taken concurrently with a 300 level History course as approved by the Department Honors Adviser.
- One credit of History 496: Honors Independent Study taken concurrently with a 400 level History course as approved by the Department Honors Adviser.
- One credit of History 496: Honors Independent Study taken concurrently with History 489: Research Seminar
- Public presentation on- or off-campus of capstone project completed in History 489: Research Seminar

For advising regarding Department Honors, see Professor P. Turner (HHH-721).

INFORMATION FOR MAJORS AND MINORS

NOTE 1: Majors who plan to prepare for college teaching are urged to attain a reading competency in at least one foreign language and preferably two.

NOTE 2: Majors or minors in history seeking licensure to teach are required by Wisconsin law to complete instruction in the conservation of natural resources and in consumer cooperatives/cooperative marketing. Take Econ 103 and either Geog 178 or Biol 180 to meet these requirements.

NOTE 3: Professor J. Oberly, the faculty adviser for history majors who are pre-law students, provides assistance in the selection of courses especially appropriate as preparation for law school.

HIST

HIST 114 United States History to 1877

3 crs. • F, Sp • CD1; GE-IVC

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

HIST 115 United States History Since 1877

3 crs. • F, Sp • CD1; GE-IVC

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Survey with emphasis on concepts and topics considered essential to an understanding of institutions and issues of public concern today.

HIST 124 World History to 1500

3 crs. • F, Sp • FC; GE-IVC

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

HIST 125 World History Since 1500

3 crs. • F, Sp • FC; GE-IVC

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

HIST 204 Western Civilization Since 1660

3 crs. • V • FC; GE-IVC

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

"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.

HIST 205 American Women's History

3 crs. • V • CD3; GE-IVC

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both HIST 205 and WMNS 205.

A survey of the history of women from precolumbian America to the present. Provides a basis for understanding the historical experience of women from diverse cultural origins including Native American, African American, Asian American, Latin American, and Euro American women.

HIST 210 African American History 1865 to Present

3 crs. • V • CD3; GE-IVC

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Course includes information on lynching, the Civil Rights Movement, and race relations.

HIST 240 American Indian History

3 crs. • V • CD3; GE-IVC

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

HIST 252 Modern East Asia

3 crs. • V • FC; GE-IVC

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A survey of the history of modern China and Japan from around 1600 to the present with attention to the patterns of social, political, cultural, and intellectual development in modern East Asia.

HIST 280 History Travel Seminar

1-6 crs. • V • GE-IVC • May be repeated for a maximum of 6 credits

• 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.

HIST 284 The Nazis and Germany, 1914-1945

3 crs. • V • FC; GE-IVC

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Background, emergence, and totalitarian practices of National Socialism in Germany.

HIST 286 History of World War II

3 crs. • V • FC; GE-IVC

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Overview of the World War II era, ca. 1933-1945, examining root causes, conduct, and outcomes of the war from a world perspective.

HIST 288 Sophomore Seminar: Methods

2 crs. • F, Sp • Field Trip(s) Required • A-F Grades Only • P: Limited to history majors and minors and broadfield social studies-history majors.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

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.

HIST 292 Origins of Current World Conflicts

3 crs. • V • FC; GE-IVC; Field Trip(s) Required

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

HIST 302/502 Ancient Near Eastern Civilizations

3 crs. • V • GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

HISTORY

HIST 304/504 Greek Civilization

3 crs. • V • GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

HIST 306/506 Roman Civilization

3 crs. • V • GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

HIST 308/508 Ancient Historiography

3 crs. • V • P: HIST 302, or 304, or 306, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

In-depth examination of the works of selected ancient historians, their methodology, purpose, and place in the tradition.

HIST 309/509 Latin America Through Independence

3 crs. • V • GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

HIST 311/511 Latin America Since Independence

3 crs. • V • FC; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

HIST 315/515 The Age of Reformation

3 crs. • V • GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Religious movements of sixteenth century; their relationship to medieval heresies and political, intellectual, social movements of sixteenth and seventeenth centuries.

HIST 317/517 Studies in the History of Race in the U.S.

3 crs. • V • CD3; GE-IVC • May be repeated for a maximum of 9 credits • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

HIST 318/518 Studies in the History of European and Mediterranean Worlds

3 crs. • V • FC; GE-IVC • May be repeated for a maximum of 9 credits • P: Six credits of history courses, or junior standing, or consent of the instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

HIST 319/519 Studies in Comparative, Transnational and Pacific World History

3 crs. • V • FC; GE-IVC • May be repeated for a maximum of 9 credits • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Departmental permission required after course is taken for three credits.

Selected topics in comparative and transnational history or the history of regions bordering the Pacific Ocean. Topics may focus on a particular time period, region, or historical process. Consult class schedule or department office for current offering.

HIST 320/520 Studies in the History of the Americas

3 crs. • V • CD1; GE-IVC • May be repeated for a maximum of 9 credits • P: Six credits of history, or junior standing, or consent of the instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

HIST 324/524 Nineteenth Century Europe, 1815-1914

3 crs. • V • GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

The development of European civilization in the nineteenth century. Special attention is given to the social, economic, intellectual, and religious history of the period between 1815 and 1914.

HIST 326/526 Twentieth Century Europe, 1900 to Present

3 crs. • V • FC; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

HIST 330/530 Colonial America

3 crs. • V • CD1; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Colonial period, with emphasis upon origins and development of social, economic, and political institutions.

HIST 332/532 The Era of the American Revolution

3 crs. • V • GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Conflicting forces which produced breakdown of Anglo-American political system, war years, social and political readjustment, and framing of new governments.

HIST 334/534 Early Nationalism and Jacksonian Democracy

3 crs. • V • CD1; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

HIST 336/536 Sectionalism, Civil War, and Reconstruction

3 crs. • V • CD1; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

HIST 338/538 America in Transition, 1877-1917

3 crs. • V • CD1; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Industrial growth, the farmers' revolt, economic depression, the Spanish-American War, Imperialism and Progressive Reform to World War I.

HIST 342/542 Recent US History (1945-Present)

3 crs. • V • CD1; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

America in 1945, "Cold War," Eisenhower years, violent 1960s, Vietnam War, Watergate, Carter Presidency, Reagan Presidency.

HIST 344/544 African American Civil Rights Movement, 1914-Present

3 crs. • V • CD3; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

African American civil rights movement activity focusing on organized and unorganized responses to discrimination in the twentieth century.

HIST 358/558 The American West

3 crs. • V • CD1; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Frontier movement, problems, procedures, and attitudes of frontier areas, and influence of the West.

HIST 360/560 Modern France

3 crs. • V • FC; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

HIST 362/562 Modern Germany

3 crs. • V • FC; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Since 1848, with emphasis on Bismarckian, Wilhelmian, Weimar, Nazi, and postwar period.

HIST 366 History of Middle East Since Muhammad

3 crs. • V • FC; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

The world in which Islam began, the spread of Islam out of the Arabian Peninsula, the emergence of Islamic Empires, European contact, colonialism, and the emergency of Modern Middle Eastern nations.

HIST 368/568 Studies in American Indian History

1-3 crs. • V • CDV; GE-IVC • May be repeated for a maximum of 9 credits • P: 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.

HIST 369/569 Wisconsin Indian History

3 crs. • V • CD3; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

HIST 370/570 History of the Family in America

3 crs. • V • GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• No credit if already taken 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.

HIST 371/571 History of the Modern Balkans

3 crs. • V • GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

The political, social, and economic developments including cultural and ethnic diversity and conflicts in Albania, Bosnia, Bulgaria, Croatia, Greece, Macedonia, Moldova, Romania, Slovenia, and Yugoslavia.

HIST 373/573 American Women's History to 1870

3 crs. • V • CD1; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both HIST 373 and WMNS 373.

Examines the history of black, white, and red women, including gender politics; women as the co-creators of culture; changes related to education, religion, work, sexuality, and marriages; and women and revolution and war.

HIST 375/575 Twentieth Century Russia

3 crs. • V • FC; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Russia in the twentieth century, emphasizing the factors contributing to revolution in 1917 and the emergence of the Soviet Union as a world power.

HIST 376/576 World War I and II Military

3 crs. • V • FC; GE-IVC; Field Trip(s) Required • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

HIST 377/577 American War in the Post 1945 World

3 crs. • V • CD1; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

HIST 378/578 American Women's History Since 1870

3 crs. • V • CD1; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both HIST 378 and WMNS 378.

Explores women's relationship to the economy and to political movements; changing ideals of womanhood; the demographic and sexual revolutions; and class, race, ethnic, and regional variations in women's experience.

HIST 379/579 History of Modern East Europe

3 crs. • V • GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Political, social, and economic developments including cultural and ethnic diversity and conflicts in the lands between West Europe and Russia: Poland, Czech Republic, Slovakia, Hungary, the Baltic States, and the Ukraine.

HIST 381/581 Comparative Genocide

3 crs. • V • FC; GE-IVC • P: Six credits in history, or junior standing, or the consent of the instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

HIST 382/582 Imperialism Since 1800

3 crs. • V • FC; GE-IVC • P: Six credits in history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

HIST 383/583 Development of Modern Africa

3 crs. • V • FC; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Examines the major components contributing to the development of Modern Africa. Among topics for study are African civilizations, European contact, slavery, colonialism, independence movements, African nationalism, regionalism, and political and economic development.

HIST 384/584 The Vietnam War

3 crs. • V • FC; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

HIST 385/585 The History of Middle Eastern Muslim Women

3 crs. • V • GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both HIST 385 and WMNS 385.

Examines the lives of Middle Eastern Muslim women, and the ways in which people have represented them, from the seventh through the twentieth centuries. Considers feminist, historicist, and post-modern interpretations.

HIST 386/586 Introduction to Public History

3 crs. • F • GE-IVC; SL-Half; Field Trip(s) Required • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

HISTORY

HIST 387/587 Marco Polo's World, 1250-1350

3 crs. • V • GE-IVC • P: Six credits of history including HIST 124.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

HIST 388/588 Modern China

3 crs. • V • FC; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Social, economic, political, and intellectual development of China from the coming of the West to the present with attention to the Manchu regime in the nineteenth century, imperialism, the revolutionary period, and the People's Republic.

HIST 389/589 History of Japan

3 crs. • V • FC; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

HIST 390 Local History, Global History

3 crs. • V • GE-IVC • A-F Grades Only • P: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies degree.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

HIST 393/593 Roots of Selected Contemporary World Problems

1-5 crs. • V • GE-IVC • May be repeated • P: 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.

HIST 394/594 Studies in the History of Women

1-3 crs. • V • GE-IVC • May be repeated

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.

HIST 395/595 Directed Studies

1-3 crs. • V • May be repeated • Department Consent Required

Study of historical problem or topic.

HIST 397 Student Academic Apprenticeship in History

1-3 crs. • V • SL-Full • May be repeated for a maximum of 3 credits • P: Minimum junior standing. Minimum resident GPA of 3.30. • 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.

HIST 399 Independent Study - Juniors

1-3 crs. • V • SL-Optional • May be repeated • Department Consent Required

Intensive study of topic resulting in a quality research paper or report.

HIST 480/680 History of Wisconsin

3 crs. • V • CD1; GE-IVC • P: Six credits of history, or junior standing, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Political, economic, and social development.

HIST 486/686 Seminar in Public History

3 crs. • Sp • SL-Full; Field Trip(s) Required • May be repeated for a maximum of 6 credits • P: HIST 386

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

HIST 488 Proseminar in History

2 crs. • F, Sp • SL-Optional; CP • A-F Grades Only • P: 21 credits in history, including HIST 288. Limited to history and broadfield social studies-history majors.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

First half of the capstone sequence. Expands knowledge of historical thinking and research methods. Students develop capstone topic and conduct research in preparation for writing capstone papers in History 489.

HIST 489 Research Seminar

2 crs. • F, Sp • SL-Optional; CP • A-F Grades Only • P: HIST 488. Limited to history and broadfield social studies-history majors.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

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.

HIST 491/691 Special Topics

1-3 crs. • V • May be repeated for a maximum of 9 credits

Topics will vary depending on interest of students and faculty. Topics may be specific themes or eras of history.

HIST 492 Honors Seminar in History

3 crs. • F, Sp, Su • May be repeated • P: Limited to history majors. Minimum resident and total GPA of 3.50. Minimum senior standing. • Department Consent Required

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

HIST 496 Honors Independent Study

1-3 crs. • F, Sp, Su • May be repeated • P: Limited to history majors. Minimum resident and total GPA of 3.50. Minimum senior standing. • Department Consent Required

Involves independent reading with regular conferences between student and faculty member, or a research paper with similar regular conferences.

HIST 498 Internship

1-3 crs. • F, Sp, Su • SL-Full; IN • May be repeated for a maximum of 6 credits • S/U Only Grade Basis • P: HIST 386 or consent of instructor. 24 credits in history. Limited to history majors. • 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.

HIST 499 Independent Study - Seniors

1-3 crs. • F, Sp, Su • SL-Optional • May be repeated • Department Consent Required

Intensive study of topic resulting in a quality research paper or report.



Mathematics

HIBBARD HUMANITIES HALL 508

(715) 836-3301

<http://www.uwec.edu/math/index.htm>

ALEXANDER SMITH, CHAIR

CHRIS AHRENDT, ROBERT ANDERSEN, JONATHAN ARMEL, SHYAM CHADHA, VEENA CHADHA, HERSHEL DAY, COLLEEN DUFFY, SCOTT GAULKE, CLAUDIA GIAMATI, MARC GOULET, JENNIFER HARRISON, RYAN HARRISON, SUSAN HARRISON, RICHARD HEEG, CHRISTOPHER HLAS, MICHAEL HOWE, JESSICA KRAKER, DANDRIELLE LEWIS, CAROLYN OTTO, MICHAEL PENKAVA, KRISTOPHER PRESLER, MANDA RIEHL, CARL SCHOEN, SHERRIE SERROS, ANDREW SWANSON, SIMEI TONG, JAMES WALKER, URSULA WHITCHER, VICKI WHITLEGDE.

Mathematics has formed an important part of our intellectual heritage for centuries. In addition to having its own aesthetic value, it pervades a growing number of human endeavors. Mathematics is applied in fields as diverse as business, engineering, the physical and life sciences, the social sciences, computer science, and the fine arts. Society therefore expects of its members ever increasing mathematical knowledge and skill.

The mathematics curriculum is designed to address these needs. It provides a core of fundamental mathematics as well as a variety of electives for individuals with specific interests. Students may select programs to prepare for careers in applied mathematics, science, actuarial science, research, mathematics education, or for graduate study. Regardless of emphasis, the programs prepare students for their immediate career objectives and provide a background that will enable them to cope with changing career needs and goals.

INFORMATION FOR ALL STUDENTS

NOTE 1: All entering freshmen and transfer students must take the mathematics placement test.

NOTE 2: A student may not register for credit in a course which is a prerequisite for any other course in which the student has credit.

NOTE 3: It is strongly recommended that the student have a grade of C or above in any mathematics course that is to be used as a prerequisite to another course.

NOTE 4: A graphing calculator may be required in any mathematics course.

B.A./B.S. Requirement, College of Arts and Sciences. Students who expect to earn a B.A. or a B.S. degree in the College of Arts and Sciences must demonstrate specified levels of competency in mathematics. For details, see Bachelor of Arts Degree or Bachelor of Science Degree in the College of Arts and Sciences. Further information is available from the Chair of the Department of Mathematics.

CORE REQUIREMENTS FOR ALL NON-COMPREHENSIVE LIBERAL ARTS MATHEMATICS EMPHASES

All liberal arts mathematics emphases require Math 114, 215, 216, 316, 324, 425, plus additional mathematics courses numbered above 305.

MAJOR: MATHEMATICS, Liberal Arts

A minimum of 36 credits must be earned in any of the emphases included under the standard mathematics major. In addition to the required and elective mathematics courses, students must complete at least three credits of computer science courses to be selected from CS 145, 163, 170, 255, or another computer science course approved by the Mathematics Department. Students selecting this major will select one of the following emphases.

Liberal Arts Emphasis (Code 180-201): This emphasis requires the core courses above and at least one of Math 317, 335, or 426. The liberal arts emphasis is the traditional mathematics major, providing preparation for graduate school as well as a broad range of careers in business and industry. Because of the variety of courses available, students are strongly encouraged to consult a mathematics adviser early and frequently while pursuing this emphasis.

Applied Emphasis (Code 180-204): This emphasis requires the core courses listed on the previous page and at least 12 credits from among the following courses: Math 312, 313, 314, 318, 345, 346, 351, 352, 354, 355, 358, 440 (or Phys 440), or 456. With the approval of the department chair, a second mathematics seminar and/or Math 491 may be included in the 12 credits. This emphasis is appropriate for students interested in either scientific or engineering applications of mathematics, careers in business or industry, or in graduate work in applied areas such as engineering, operations research, or optimization.

Statistics Emphasis (Code 180-205): This emphasis requires the core courses listed on the previous page, Math 346, 347, and at least two of the following courses: Math 441, 443, 445, 447, and with the approval of the department chair, Math 491. This emphasis is intended to prepare students for careers in statistics or graduate study in statistics or related areas such as quality improvement.

COMPREHENSIVE MAJOR: MATHEMATICS, Liberal Arts

Actuarial Science Emphasis (Code 180-001)

This emphasis requires a minimum of 60 semester credits including Math 114, 215, 216, 324, 346, 347, 350, 450; at least two courses selected from Math 316, 425, 460, 470; Econ 103 or 303, 104 or 304, and 316; Acct 201 and 202; IS 240; Fin 320 and 327. This emphasis prepares students for actuarial careers. Actuaries are business professionals who use mathematical models to evaluate the current financial impact of future contingent events. Actuaries work in a variety of settings including insurance companies, public accounting firms, government agencies, banks, and consulting firms.

MAJOR: MATHEMATICS, Teaching (Code 180-207)

Thirty-six semester credits, including Math 114, 215, 216, 324, 330, 345, 425; and additional credits to be chosen from mathematics courses numbered above 305. Math 346 and Math 347 may be substituted for Math 345. Technology requirement for licensure: Math 451 or CS 170. (CS 170 does not count toward the 36 credits required for the mathematics major.) This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Mathematics in Early Adolescence through Adolescence classrooms.

COMPREHENSIVE MAJOR: PHYSICS MATHEMATICS, Teaching

See Interdisciplinary Majors.

MINOR: MATHEMATICS, Liberal Arts (Code 180-401)

Twenty-four semester credits, including Math 114 and 215. At least one course from Math 312 or 324 and remaining credits to be chosen from Math 216 or mathematics courses numbered above 305. At least one course in a computer programming language is recommended.

MINOR: MATHEMATICS, Actuarial Science (Code 180-406)

Twenty-four semester credits, including Math 114, 215, 216, 346, 350, and at least two courses selected from Math 324, 347, 450, 460, 470. This minor is intended to provide students with academic skills useful in business areas such as insurance and financial services. The coursework will prepare the student for at least two professional actuarial science examinations.

MINOR: MATHEMATICS, Teaching (Code 180-407)

Twenty-four semester credits, including Math 114, 215, 324, 330, 345, 425, and at least three additional credits chosen from Math 216 or mathematics courses numbered above 310. Technology requirement for licensure: Math 451, or CS 170 or equivalent as approved by the Mathematics Department (CS 170 does not count toward the 24 credits required for the mathematics minor). This minor is restricted to students in the College of Education and Human Sciences: Education Studies:

MATHEMATICS

Option B or C and leads to licensure to teach Mathematics in Early Adolescence through Adolescence classrooms.

MINOR: MATHEMATICS, Middle Childhood/Early Adolescence, Teaching (Code 180-408)

A minimum of 24 semester credits, including Math 114, 204, 305, 314 or 365, 322 or 341, and 330 plus courses chosen from Math 104, 215, 246, 314, 322, 341, 365, or 453. Math 345 may be substituted for Math 246 if 215 is chosen. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A and leads to licensure to teach Mathematics in Middle Childhood through Early Adolescence classrooms.

INFORMATION FOR MAJORS AND MINORS

NOTE 5: Suggested courses for mathematics majors who are planning to be secondary school teachers include Math 314, 341, 346, 347, 354, 451, and courses in computer science and physics.

NOTE 6: Suggested courses for mathematics majors who are planning to pursue graduate study in mathematics include Math 312, 317, 318, 335, 426.

Department Honors in Mathematics

The Honors Program in mathematics is intended for mathematics majors—including actuarial science, mathematics education, and liberal arts majors—who have demonstrated excellence in their coursework, and who want to experience the mathematical community outside the classroom. The high impact practices required for department honors in mathematics align with such experiences.

- **Eligibility:** Mathematics majors who have a resident and total GPA of 3.50 or higher, and have completed at least 12 hours of mathematics courses with a GPA of 3.50 or higher.
- **Application:** An application (which is available in the mathematics department office) must be submitted to the department chair with a letter of support from a mathematics faculty member. The application should be submitted during the junior year.
- **Requirements:** Graduate with a 3.50 GPA or higher in the major, and submit evidence to the department chair that two of the following have been satisfactorily completed:
 1. A faculty/student collaborative mathematics research project
 2. ETS Recognition of Excellence in Mathematics Content Knowledge
 3. An off-campus mathematics presentation at a conference
 4. Participation in a state, regional or national competition in Actuarial Science
 5. Passing grade on a professional exam given by the Society of Actuaries or Casualty Actuarial Society
 6. A mathematics related internship
 7. Acceptance of a mathematics publication in a peer-reviewed journal.

MATH

MATH 10 Basic Mathematics and Elementary Algebra

4 crs. • F, Sp • No Auditors • P: For students with minimal high school mathematics or appropriate score on the mathematics placement test.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 4

• No credit if taken after 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. See Note 1.

Develops basic mathematics and elementary algebraic skills necessary for further study of algebra.

MATH 20 Intermediate Algebra

4 crs. • F, Sp, Su • No Auditors • P: 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.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

• This course is graded on a letter grade basis. The grade received is used in calculating semester, resident, and total GPAs. See Note 1.

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.

MATH 104 Finite Mathematics with Applications

4 crs. • F, Sp, Su • GE-IB • P: Grade of C or above in Math 20, or two years of college-preparatory algebra and a suitable mathematics placement test score. No credit if taken after MATH 114, 212, 314, or 346.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

• May not be counted toward a major or minor in mathematics with the exception of the Middle Childhood/Early Adolescence 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.

MATH 106 Introduction to Mathematical Thinking

4 crs. • F, Sp • GE-IB • P: 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.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

• May not be counted for credit toward a major or minor in mathematics. See Note 1.

An accessible introduction to some interesting mathematical topics that require analytical thinking and abstract reasoning skills.

MATH 108 Earth Algebra

4 crs. • F, Sp • GE-IB • P: A grade of C or above in MATH 20, or two years of college-preparatory algebra and a suitable mathematics placement test score. No credit if taken after MATH 109 or MATH 110.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

• May not be counted for credit toward a major or minor in mathematics. See Note 1.

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.

MATH 109 Algebra for Calculus

4 crs. • F, Sp, Su • P: A grade of C or above in MATH 20, or two years of college-preparatory algebra and a suitable mathematics placement test score.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

• May not be counted for credit toward a major or minor in mathematics. See Note 1.

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.

MATH 111 A Short Course in Calculus

4 crs. • F, Sp, Su • GE-IB • P: 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.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

• May not be counted for credit toward a major or minor in mathematics. See Note 1.

Primarily for students in biology, business, economics, psychology, and sociology. Functions, limits, continuity, derivatives, integrals, and applications.

MATH 112 Precalculus Mathematics

4 crs. • F, Sp, Su • P: MATH 108, or MATH 109, or three years of above-average work in college-prep MATH and a suitable mathematics placement test score.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

• May not be counted for credit toward a major or minor in mathematics. See Note 1.

Prepares students to enter the Math 114, 215, 216 sequence. Includes absolute value; logarithmic, exponential, and trigonometric functions; inequalities; conic sections; complex numbers; and topics from theory of equations.

MATH 113 Trigonometry

2 crs. • F, Wi, Sp, Su • P: 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.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• May not be counted for credit toward a major or minor in mathematics. See Note 1.

Graphs, properties, and geometric significance of trigonometric functions of a real variable. Other topics include trigonometric equations and identities, inverse trigonometric functions and applications.

MATH 114 Calculus I

4 crs. • F, Sp, Su • GE-IB • P: MATH 112, or 113, or four years of above-average work in college-prep mathematics, including one semester of trigonometry and a suitable mathematics placement test score.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

• See Note 1.

Limits, theory, and application of the derivative; introduction to integration.

MATH 203 Mathematics for Elementary/Middle School Teachers I

3 crs. • F, Sp • GE-IB • P: 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.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

MATH 204 Mathematics for Elementary/Middle School Teachers II

3 crs. • F, Sp • GE-IB • P: MATH 203. Limited to elementary and special education majors and minors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

MATH 212 Calculus and Business Mathematics

3 crs. • V • GE-IB • P: MATH 111 or 114.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• May not be counted toward a major in mathematics.

Multivariate calculus, matrix algebra, linear programming, mathematics of finance, and business-oriented applications.

MATH 215 Calculus II

4 crs. • F, Sp, Su • GE-IB • P: MATH 114

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

Applications and techniques of integration; improper integrals; sequences and series; power series and Taylor's formula.

MATH 216 Calculus III

4 crs. • F, Sp • P: MATH 215

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

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.

MATH 245 Introduction to Statistics

3 crs. • GE-IB • P: One year of high school algebra. No credit if taken after MATH 345, MATH 347, or PSYC 265. Credit may not be earned in both MATH 245 and MATH 246.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Basic statistical analysis, including descriptive statistics, probability, confidence intervals, hypothesis testing, simple linear regression, and correlation.

MATH 246 Elementary Statistics

4 crs. • F, Wi, Sp, Su • GE-IB • P: A grade of C or above in MATH 20, or two years of college-preparatory algebra and a suitable mathematics placement test score.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

• 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.

MATH 291 Special Topics

1-3 crs. • V • May be repeated for a maximum of 9 credits

Topics will vary, depending on interest of students and faculty.

MATH 305 Mathematics for Elementary/Middle School Teachers III

3 crs. • F, Sp • GE-IB • P: MATH 204 or consent of the mathematics department. Exceptions to the Math 204 prerequisite may be made for students who are certifying only in special education. Limited to elementary and special education majors and minors. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

MATH 307/507 Mathematics and Music

3 crs. • Su • GE-V • P: MATH 114 (or equivalent) or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

MATH 311/511 Differential Equations

3 crs. • V • P: MATH 216

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Ordinary differential equations of first and second order, linear differential equations, Laplace transforms, series solutions, and systems of linear differential equations.

MATH 312 Differential Equations and Linear Algebra

4 crs. • F, Sp • P: MATH 215. Credit may not be earned in both MATH 311 and MATH 312.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

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.

MATH 313/513 Digital Signal Processing

3 crs. • F • P: MATH 215 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

MATH 314/514 Discrete Mathematics

3 crs. • F, Sp • GE-IB • P: MATH 114 or 212.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

MATH 315/515 Advanced Calculus I

3 crs. • V • P: MATH 216 and 324.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Differential and integral calculus of several variables; vector calculus; line, surface, and space integrals including Green's theorem, Divergence theorem, and Stokes' theorem.

MATH 316/516 Introduction to Real Analysis

3 crs. • F, Sp • P: MATH 216 and MATH 324.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Real numbers, introductory topological topics, limits, sequences of numbers, continuity, sequences of functions, and series.

MATH 317 Introduction to Real Analysis II

3 crs. • F • P: MATH 316

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

MATH 318/518 Introduction to Complex Variables

3 crs. • Sp • P: MATH 216

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Elementary functions of a complex variable, complex integrals, and residue theory.

MATH 322 Abstract Algebra for Elementary Teachers

3 crs. • Sp • P: 11 credits in mathematics to include MATH 111 or 114; MATH 204. Limited to elementary education majors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Includes sets, functions, and abstract algebraic structures such as groups, rings, and fields.

MATH 324/524 Linear Algebra and Matrix Theory

3 crs. • F, Sp • P: MATH 215

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An introductory course in linear algebra including matrix algebra, systems of linear equations, vector spaces, linear transformations, and eigenvalues.

MATH 330/530 Modern Geometry

3 crs. • F, Sp • P: MATH 114

Lecture/Discussion Hours: 3.0 | Lab/Studio Hours: 0

• 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.

MATHEMATICS

MATH 335/535 Introduction to Point-Set Topology

3 crs. • F even years • P: MATH 316
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Theory of sets, continuity of functions, neighborhoods of points, topological and metric spaces, connectedness and compactness.

MATH 338 Introduction to Differential Geometry

3 crs. • Sp odd years • P: MATH 216
Lecture/Discussion Hours: 2.5 | Lab/Studio Hours: 0.5
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.

MATH 341 Classical Number Theory

3 crs. • Sp odd years • P: MATH 114
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Classical number theory including divisibility, primes and their properties, theory of congruences, Diophantine equations, number theoretic functions, primitive roots, and selected optional topics.

MATH 342 Mathematical Logic and Proof

3 crs. • V • P: MATH 215
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Introductory logic statements, inference, quantification, and methods of proof with applications in sets, number theory, relations, and algebra.

MATH 345/545 Introduction to Probability and Mathematical Statistics

4 crs. • F • P: MATH 215 or concurrent registration. Credit may not be earned in both MATH 345 and MATH 346.
Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0
• 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.

MATH 346/546 Introduction to Probability

4 crs. • F • P: MATH 216 or concurrent enrollment. Credit may not be earned in both MATH 345 and MATH 346.
Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0
Probability in discrete and continuous sample spaces; conditional probability; counting techniques; probability functions; binomial, Poisson, normal distributions; and transformations of variables.

MATH 347/547 Mathematical Statistics

4 crs. • Sp • P: MATH 215; MATH 346.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2
• MATH 246 may not be taken for credit after or concurrently with MATH 347.
Normal, chi-square, t, and F distributions; estimation; hypothesis testing; regression and correlation; analysis of variance; nonparametric statistics; and introduction to Bayesian inference.

MATH 350 Introduction to Financial Mathematics

4 crs. • Sp • P: MATH 215 or consent of instructor.
Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0
Mathematical theory of interest and discount, annuities, yield rates, amortization, sinking funds, securities valuation, and an introduction to financial derivatives. This course is meant, in part, to prepare students for the second actuarial examination.

MATH 351/551 Numerical Analysis I

3 crs. • F • P: MATH 215 and either one of the following: CS 163, 170, 255, or consent of instructor.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Nonlinear equations, interpolation and approximation, least squares, systems of linear equations, and error analysis.

MATH 352/552 Numerical Analysis II

3 crs. • Sp • P: MATH 215 and either one of the following: CS 163, 170, 255, or consent of instructor.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Numerical solution of differential equations, numerical differentiation and integration, and the eigenvalue problem.

MATH 354/554 Introduction to Mathematical Modeling

4 crs. • F • P: MATH 215
Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0
Discrete dynamical systems, discrete and continuous stochastic models, empirical modeling using regression theory and interpolation techniques, modeling with differential equations and, depending on the interests of the instructor and students, topics from optimization and dimensional analysis.

MATH 355/555 Linear Programming

3 crs. • F odd years • P: MATH 215
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.

MATH 358/558 Introduction to Optimization

3 crs. • Sp odd years • P: MATH 215
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.

MATH 363/563 Studies of Women in Mathematics

1-3 crs. • V • GE-V • May be repeated for a maximum of 6 credits • P: WMNS 100 or WMNS 215 or WMNS 250 or WMNS 301; completion of mathematics competency.
• May not be counted for credit toward a major or minor in mathematics.
Studies of the history and contributions of women in mathematics, and of special interest to students and faculty. The particular focus will vary.

MATH 365 Patterns of Problem Solving

3 crs. • Sp • GE-IB • P: Minimum-level University Mathematics Competency.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• May not be counted for credit toward a major or minor in mathematics except in elementary education.
Provides tools and concepts needed in problem solving in a variety of disciplines.

MATH 395 Directed Studies

1-3 crs. • F, Sp, Su • May be repeated • P: 2.00 GPA in mathematics. • 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.

MATH 399 Independent Study - Juniors

1-3 crs. • F, Sp • May be repeated • P: Minimum junior standing. • Department Consent Required

MATH 425/625 Abstract Algebra I

3 crs. • F, Sp • P: MATH 324. No credit if taken after or concurrently with MATH 322.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.

MATH 426/626 Abstract Algebra II

3 crs. • Sp • P: MATH 425/625. No credit if taken after MATH 322.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.

MATH 440 Digital Image Processing

3 crs. • Sp even years • P: MATH 215
Lecture/Discussion Hours: 2.5 | Lab/Studio Hours: 0.5
• 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.

MATH 441 Linear Regression Analysis

3 crs. • F even years • P: MATH 345 or 347 or MATH 246 with consent of instructor and MATH 212 or 324.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Simple and multiple regression, transformation of variables, model checking, analysis of residuals, regression diagnostics, stepwise regression, index variables, confidence intervals, and computer software.

MATH 443 Experimental Design and Analysis

3 crs. • F odd years • P: MATH 345 or 347; or MATH 246 with consent of instructor.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Basic concepts of statistical design of experiments; linear models; randomized block, Latin square, factorial, fractional factorial, rotatable, and incomplete block designs and applications.

MATH 445 Survey Sampling

2 crs. • Sp odd years • P: MATH 345 or 347; or MATH 246 with consent of instructor.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Survey sampling including random sampling, stratified sampling, cluster sampling, and design of surveys.

MATH 447 Nonparametric Statistics

2 crs. • Sp even years • P: MATH 345 or 347; or MATH 246 with consent of instructor.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

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.

MATH 450/650 Foundations of Actuarial Science

3 crs. • F • P: MATH 215, MATH 346, and MATH 350 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

MATH 451/651 Teaching Mathematics with Technology for EA-A Certification

3 crs. • Sp • P: ES 210/211 and MATH 215.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• May not be counted for credit toward a major or minor in mathematics except in the Mathematics Teaching major or Mathematics Teaching minor.

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.

MATH 453/653 Integrated Mathematics and Science Using Technology for Grades 5-9 Teachers

2 crs. • F • P: MATH 114. Limited to teaching majors admitted to College of Education and Human Sciences, certification students and middle childhood/early adolescent math minors. Minimum junior standing.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• May not be counted for credit toward a major or minor in mathematics except in elementary education Minor: Mathematics, Middle Childhood/Early Adolescence. No credit if taken after MATH 491 with the same topic.

An integration of mathematics and physical science content where students will be exploring and investigating realistic, integrated, hands-on activities that utilize calculator technologies to collect raw data for analysis and also emphasize appropriate pedagogy for the teaching of grades 5-9.

MATH 456/656 Operations Research

2-3 crs. • Sp even years • P: 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.

MATH 460/660 Contingent Payment Analysis

3 crs. • Sp • P: MATH 450

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

MATH 462/662 History of Mathematics

3 crs. • V • P: MATH 114

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

MATH 470/670 Mathematical Models for Financial Economics

4 crs. • F • P: MATH 346 and MATH 350.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

Mathematical theory of options including binomial and Black-Scholes pricing models, interest rate models, lognormal models and volatility measurement. This course is meant, in part, to prepare students for the actuarial exam covering financial economics.

MATH 491/691 Special Topics

1-3 crs. • V • May be repeated for a maximum of 9 credits

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.

MATH 493 Capstone Seminar

1 cr. • V • CP • May be repeated for a maximum of 3 credits • P: Minimum senior standing. • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

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.

MATH 494/694 Mathematics Seminar

1 cr. • F, Sp • May be repeated for a maximum of 3 credits • P: Minimum junior standing.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

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.

MATH 497 Honors Seminar

1 cr. • V • May be repeated for a maximum of 3 credits • P: Grade of B+ or above in MATH 216.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

• 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.

MATH 498 Mathematics Internship

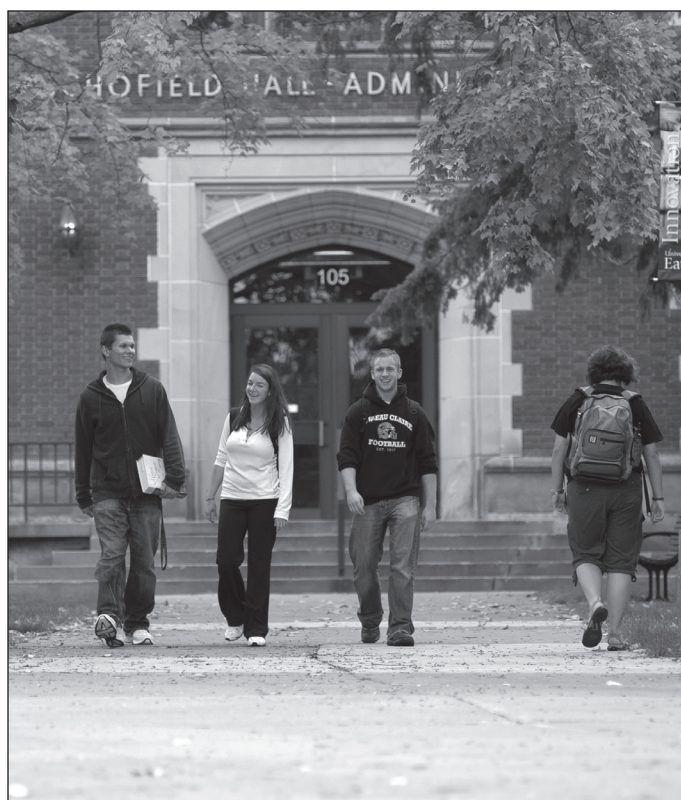
1-3 crs. • F • SL-Optional; IN • May be repeated for a maximum of 6 credits • No Auditors • P: MATH 216. Limited to mathematics majors and minors. Minimum junior standing. • Department Consent Required

• 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.

MATH 499 Independent Study - Seniors

1-3 crs. • F, Sp • May be repeated • P: Minimum senior standing. • Department Consent Required



Music and Theatre Arts

HAAS FINE ARTS 156

(715) 836-2284

<http://www.uwec.edu/mus-the/>

VANISSA MURPHY, CHAIR

MUSIC: ROBERT ANDERSON, ROBERT BACA, JEFFERY CROWELL, LORI CRUCIANI, RANDAL C. DICKERSON, GARY DON, CHRISTA GARVEY, PETER HABERMAN, RYAN JONES, NAMJI KIM, ROBERT KNIGHT, MELISSA KOPROWSKI, TIMOTHY LANE, OWEN LOVELL, MARK MOWRY, VERLE ORMSBY, ALLISON OSTRANDER, PHILLIP OSTRANDER, DONALD PATTERSON, GRETCHEN PETERS, NICHOLAS PHILLIPS, LEE ANNA RASAR, ALAN RIECK, TULLIO RONDÓN, MITRA SADEGHPOUR, GARY SCHWARTZHOFF, PAULA SMITH, ETHAN WICKMAN, JACQUELINE WILSON, NOBUYOSHI YASUDA, BARBARA YOUNG, JERRY YOUNG.

THEATRE ARTS AND DANCE: F. REED BROWN, JENNIFER CHAPMAN, JULIE FOX, KEVIN GAWLEY, RICHARD NIMKE, AMANDA PROFAIZER, JAMES ZWICKY.

Honor Societies and Student Organizations:

There are eight nationally-affiliated music student organizations at UW-Eau Claire, including student chapters of Music Educators National Conference, American Choral Directors Association, American String Teachers Association, National Association of Teachers of Singing, National Band Association Collegiate Chapter, United States Institute for Technical Theatre, and American Music Therapy Association for Students; the professional fraternities Phi Mu Alpha-Sinfonia and Sigma Alpha Iota; and the honor society Pi Kappa Lambda.

The performing arts enjoy an enviable reputation at UW-Eau Claire. Outstanding student and faculty performances in music, theatre, and dance; innovative classroom experiences; and active outreach are hallmarks of the Department of Music and Theatre Arts.

The Department offers the Bachelor of Arts or Science degree in liberal arts—music; liberal arts—music history; liberal arts—theatre arts; and theatre arts—middle/secondary teaching; Bachelor of Music Education degrees leading to teacher licensure; and Bachelor of Music degrees in applied music, theory, and composition. A liberal arts minor is offered in music, theatre arts, and dance; teaching minors also are offered in theatre arts.

The University of Wisconsin-Eau Claire is an accredited institutional member of the National Association of Schools of Music.

Music

Throughout history the study of music has been held to be one of the noblest pursuits of humanity. Music integrates and develops an understanding of our intellect, our emotions, and our senses. As such, it is both a personal and universal art.

All baccalaureate degrees in music emphasize the development of skills, concepts, and sensitivity essential to the professional life of the musician. Whether a professional performer, teacher, or composer, the musician must function as one who exhibits not only technical competence but also a broad knowledge of music and music literature, sensitivity in musical style, and an insight into the role and effect of music in society. Courses for the general university student provide an environment which promotes a broad intellectual and cultural appreciation of music.

General Requirements—Music Majors and Minors

ACADEMIC PREPARATION

Students planning to major in music should have experience playing an instrument in their high school band or orchestra, singing in a high school choral ensemble, or should have studied an instrument (e.g., piano) privately for a significant period of time. It is expected that prospective music majors be able to read music and sight-sing in

at least one clef. Although not mandatory, private study in voice or an instrument will be very beneficial in preparation for college study in music; it offers significant advantages in terms of enhancing individual performance technique and provides exposure to standard music literature. Ability to play piano—even at a rudimentary level—and read both treble and bass clefs is a desirable attribute for any music major. In addition, it is helpful for students to have taken high school theory and/or music appreciation courses. Advanced keyboard ability is especially desirable for applicants to the composition and theory degree programs.

ADMISSION

Applicants must be admitted to the University before completing audition requirements.

All applicants for admission to degree programs in music must satisfactorily complete an audition in a performance area, take a placement examination in piano (when piano is not a major instrument), and take an aural skills exam. Applicants to the B.M.E. degree must audition in wind, string, percussion, piano, or voice. Minimum repertoire standards for all performance areas are available from the department's Web site at www.uwec.edu/mus-the.

Scholarships are available to a limited number of applicants who demonstrate superior musical ability. An application for the audition and placement constitutes an application for a department scholarship, and no separate form is required. Applicants recommended for scholarship assistance will be notified after the audition.

The Department of Music and Theatre Arts adheres to the code of ethics of the National Association of Schools of Music (NASM). The acceptance of financial aid by an applicant is considered a declaration of intent to attend the institution; after May 1, the applicant may not consider any other offer from an NASM member institution without the written consent of the first institution. Similarly, a transfer applicant from a senior college or university cannot be considered for a scholarship without the recommendation of the institution from which the transfer is being made.

GRADUATION REQUIREMENTS

Keyboard Placements. All entering freshmen and transfer students who do not have piano as a major instrument take a piano placement examination which determines the level of class piano (Musi 106 or 108) in which they will be enrolled to prepare for the piano proficiency examination. If the placement test indicates a sufficiently high level of ability, the student may be directed to applied piano (Musi 151). A keyboard placement resulting in a higher-numbered keyboard course, i.e., Musi 108 or 151, does not constitute credit by examination for a lower-numbered course. Credit by examination is not available for Musi 104, 106, 108, 278, or 378.

The Piano Proficiency Examination must be passed (1) one year prior to admission to the professional semester for students working toward teaching licensure (B.M.E. programs) and/or (2) prior to graduation in any music major/minor program. It is offered only during the Fall and Spring Semester final examination periods. The Piano Proficiency Examination tests performance in major and minor scales, arpeggi, sight-reading, harmonization, transposition, and memorization.

Performance Class and Recitals. All music majors are required to attend and/or participate in performance class and to attend ten approved concerts and recitals for each of seven semesters. For minors, the requirement is three semesters.

Satisfactory/Unsatisfactory Policy. No music course may be taken under the Satisfactory/Unsatisfactory option.

Audit Policy. Applied lessons may not be taken for audit.

Special Student Status. High school students may enroll with permission of the instructor for courses in the Department of Music and Theatre Arts during the Special Student Registration. Because of demand for some courses and limitations on enrollment, degree students will be given priority. Credits earned as high school special students will be reviewed for acceptance into degree programs after official admission to the university and department. Credit review procedure is the same as that for transfer students. Enrollment in graduate music courses under the special student admission status is not allowed except in workshops or by consent of the instructor.

NOTE: A student may not register for credit in a course which is a prerequisite for any other course in which the student has credit.

Bachelor of Music Education

General Education Requirements for the Bachelor of Music Education Programs

See University Requirements in the College of Education and Human Sciences page 222.

COMPREHENSIVE MAJOR: MUSIC—

Instrumental and General Music Teaching (Code 060-057)

<u>Music Requirements</u>	<u>Credits</u>
Theory—Musi 141/142, 146/147, 246/247, 248, 249	16
History/Literature—Musi 225, 227, 229, 303, 405	12
Applied Music—Wind, String, Percussion Emphasis—Major Instrument—four semesters, four credits from Musi 154-169; three semesters, three credits from 354-369; and one credit adviser-approved elective; OR	
Piano Emphasis—Piano—four semesters, four credits Musi 151; three semesters, three credits Musi 351; and one credit from Musi 154-169.	8
Conducting—Musi 350, Mued 401	4
Techniques—Musi 196, 198, 202, 208, 210	5
*Ensembles—eight semesters minimum; six semesters, six credits, including the two semesters immediately prior to the professional semester, from Musi 180/380, 181/381, or 184/384; two semesters, two credits Musi 183; and one credit from Musi 186/386, 253/453, 259/459, or 268/468.	
For wind and percussion majors, the two semesters immediately prior to the professional semester must be Musi 380 or 381.	
*String students—seven semesters, seven credits Musi 184/384; and one credit Musi 253/453 or 255/455.	8-9
Music Methods—Mued 211, 300, 310, 318, 411, 421	9
	(62-63)
Piano Proficiency—passed prior to enrollment in Mued 310.	
Students are required to complete two successful audits of Mued 135, Conducting Lab—one semester in a fall, one semester in a spring.	
<u>Other Requirements</u>	
Professional Education	26
University Requirements for Teacher Education Programs (see College of Education and Human Sciences). If Hnrs 101 is taken to fulfill the composition requirement, the total is 45 credits.	46
	(72)
TOTAL	134-135

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option C and leads to licensure to teach Instrumental Music and General Music in Early Childhood through Adolescence classrooms.

COMPREHENSIVE MAJOR: MUSIC—

Choral and General Music Teaching (Code 060-058)

<u>Music Requirements</u>	<u>Credits</u>
Theory—Musi 141/142, 146/147, 246/247, 248, 249	16
History/Literature—Musi 225, 227, 229, 303, 405	12
Applied Music—Voice Emphasis—four semesters, four credits Musi 153; and two semesters, two credits Musi 353; three semesters, three credits Musi 151; and one credit adviser-approved elective; OR Piano Emphasis—four semesters, four credits Musi 151; three semesters, three credits Musi 351; four semesters, four credits Musi 153.	10-11
Conducting—Musi 350, Mued 400	4
Pedagogy—Musi 345	3
Ensembles—eight semesters; seven semesters, seven credits, including the two semesters immediately prior to the professional semester, from Musi 188/388, 190/390, 191/391, or 192/392; and one semester, one credit from Musi 262/462 or 265/465.	
The two semesters immediately prior to the professional semester must be from Musi 388, 391, or 392. A minimum of three credits must be from 188/388 and/or 190/390; and a minimum of two credits from 191/391 or 192/392.	8
Music Methods—Mued 211, 300, 310, 318, 410, 420	9
	(62-63)
Piano proficiency—passed prior to enrollment in Mued 310.	
Students are required to complete two successful audits of Mued 135, Conducting Lab—one semester in a fall, one semester in a spring.	
<u>Other Requirements</u>	
Professional Education	26
University Requirements for Teacher Education Programs (see College of Education and Human Sciences). If Hnrs 101 is taken to fulfill the composition requirement, the total is 45 credits.	46
	(72)
TOTAL	134-135

This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option C and leads to licensure to teach Choral Music and General Music in Early Childhood through Adolescence classrooms.

Bachelor of Music

Major applied lessons carry credits as follows: one 30-minute private lesson per week for one credit; one hour lesson per week for two-four credits. The number of applied credits per semester indicates the minimum number of practice hours per day.

All applied B.M. students may present a half recital in the junior year and must present a full recital in the senior year. Recital requirements apply to the following comprehensive music majors:

- Applied Instrumental (Code 060-041)
- Applied Voice (Code 060-042)
- Applied Piano (Code 060-043)
- Composition (Code 060-048)

COMPREHENSIVE MAJOR: MUSIC—

Applied Instrumental (Code 060-041)	
<u>Music Requirements</u>	<u>Credits</u>
Theory—Musi 141/142, 146/147, 246/247, 248, 249	16
History/Literature—Musi 225, 227, 229, 303, 405	12
Applied Major Instrument—	
Four credits per semester for eight semesters	32
Senior Recital—Musi 497	2
Conducting—Musi 350	2

MUSIC AND THEATRE ARTS

Ensembles—Eight semesters. Six credits from 180/380, 181/381, or 184/384*; and four credits from Musi 186/386, 253/453, 255/455, 256/456, 257/457, 258/458, or 259/459 10

*A minimum of one semester in orchestra is required for those who play orchestral instruments.

Electives in Music 2

Select from the following: Musi 150 (1 cr), Musi 170 (1 cr), Musi 325 (2 crs), Musi 335 (2 crs), Musi 407 (2 crs), Secondary Applied Instrument (1 cr)

Note: Musi 405 (2 crs) may be used as an elective with adviser approval when topic differs from initial enrollment.

Piano Proficiency—passed prior to graduation. —
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Other Requirements

See College of Arts and Sciences degree requirements, Bachelor of Music.

COMPREHENSIVE MAJOR: MUSIC—

Applied Voice (Code 060-042)

Music Requirements Credits

Theory—Musi 141/142, 146/147, 246/247, 248, 249 16

History/Literature—Musi 225, 227, 229, 303, 405, 470, 472 18

Applied Voice—Musi 153/353, eight semesters, four semesters at 300-level 21

Applied Piano—Musi 151/351 5

Senior Recital—Musi 497 2

Voice Pedagogy—Musi 345 3

Singers' Diction—Musi 347, 348 4

Conducting—Musi 350 2

Ensembles—Eight semesters, four credits from Musi 188/388, 190/390, 191/391, or 192/392; two credits Musi 280/480; and two credits from 262/462 and/or 461 8

Piano Proficiency—passed prior to graduation. —
79

Other Requirements

See College of Arts and Sciences degree requirements, Bachelor of Music.

COMPREHENSIVE MAJOR: MUSIC—

Applied Piano (Code 060-043)

Music Requirements Credits

Theory—Musi 141/142, 146/147, 246/247, 248, 249, 335 18

History/Literature—Musi 225, 227, 229, 303, 405, 475 15

Applied Piano—Musi 151/351; eight semesters (three credits per semester, four semesters at 300-level) 24

Senior Recital—Musi 497 2

Piano Pedagogy—Musi 315 2

Conducting—Musi 350 2

Ensemble—Eight semesters. Four credits from 180/380, 181/381, 184/384, 188/388, 190/390, 191/391, or 192/392; three credits from 268/468; and one credit of elective ensemble 8

Electives in Music 8

Piano Proficiency—passed prior to graduation. —
79

Other Requirements

See College of Arts and Sciences degree requirements, Bachelor of Music.

COMPREHENSIVE MAJOR: MUSIC—

Composition (Code 060-048)

All students majoring in composition must earn a grade of at least C in each theory and each composition course.

Music Requirements Credits

Theory—Musi 141/142, 146/147, 246/247, 248, 249, 309, 325, 335, 407, 437 26

History/Literature—Musi 225, 227, 229, 303, 405 12

Composition—Musi 150, 170/370, five semesters, three semesters at 370 level 12

Applied Music—minimum of six semesters, six credits, at least two credits at 300 level* 6

154

Keyboard (non-piano emphasis)—Music 151, four semesters (piano emphasis students must substitute at least four additional credits of music electives or supporting electives from supporting course list below) 4

Conducting—Musi 350 2

Senior Recital—Musi 497 2

Ensemble—Eight semesters, four credits from 180/380, 181/381, 184/384, 188/388, 190/390, 191/391, or 192/392, and four credits from 253/453-268/468 and/or 186/386 8

Electives in Music 2

Supporting Courses—Anth/AIS 161 or CS 163 or Phil 325 or Phys 308 or Pols 390 3

Piano Proficiency—passed prior to graduation. —
77

*Students who wish to take a full eight semesters of applied lessons may do so, at the discretion of the studio teacher, by applying music elective credits toward applied study.

Other Requirements

See College of Arts and Sciences degree requirements, Bachelor of Music.

Freshman and transfer students interested in majoring in composition are strongly urged to present a composition portfolio to a member of the composition faculty before registering for any composition course. No possible credit for composition at another institution will be awarded before the end of the first semester of study at UW-Eau Claire.

COMPREHENSIVE MAJOR: MUSIC—

Theory (Code 060-047)

All students majoring in theory must earn a grade of at least C in each theory and each composition course.

Music Requirements Credits

Theory—Musi 141/142, 146/147, 246/247, 248, 249, 309, 325, 335, 407, 437 26

Supporting Courses—CS 163 and/or Phil 325 and/or Phys 308 6

History/Literature—Musi 225, 227, 229, 303, 405 12

Composition—Musi 150 and two semesters of Musi 170 4

Applied Music—eight semesters, eight credits, two credits at the 300 level; at least four credits must be from 151/351 8

Conducting—Musi 350 2

Junior Project—Musi 399 1

Senior Thesis—Musi 499 2

Ensemble—Eight semesters, four credits from 180/380, 181/381, 184/384, 188/388, 190/390, 191/391, or 192/392, and four credits from 253/453-268/468 and/or 186/386 8

Electives in Music 9

Piano Proficiency—passed prior to graduation. —
78

Other Requirements

See College of Arts and Sciences degree requirements, Bachelor of Music.

Bachelor of Arts or Bachelor of Science

COMPREHENSIVE MAJOR: MUSIC—

Music History, Liberal Arts (Code 060-063)

This degree is intended for students planning to attend graduate school in musicology. Students will need to seek permission to declare this degree by musicology faculty. Musicology faculty will base their decision on grades in Musi 227 and 229, total GPA, and samples of writing. While there is no set GPA for admission into the major, a student requesting this major should have attained minimum GPAs of 3.25 in the following areas: (1) Musi 227 and 229, (2) other academic music courses, (3) total GPA.

<u>Music Requirements</u>	<u>Credits</u>
Theory—Musi 141/142, 146/147, 246/247, 248, 249, 335, and 407 or 437	20
History—Musi 225, 227, 229, 303, 405 (taken three times)	16
Research Project—Musi 399 (adviser permission required)	2
Applied Instrument—Eight semesters, eight credits, of which two credits must be at the 300 level, from Musi 151/351-172/372 (excluding 170/370)	8
Ensembles—Eight semesters, four credits from 180/380, 181/381, 184/384, 188/388, 190/390, 191/391, or 192/392; two credits from 253/453-268/468 and/or 186/386; and two credits of elective ensemble	8
Conducting—Musi 350	2
Piano Proficiency—passed prior to graduation.	—
	56

Elective Courses

Twelve credits from the following (maximum two courses per discipline):	12
ArtH any course	
Anth 315, 351, 355, 422, 463; Anth/ AIS 161, 325; Anth/Wmns 356	
Hist any course	
Engl GE-IVD Literature courses	
	68

Other Requirements

See College of Arts and Sciences degree requirements, Bachelor of Arts or Bachelor of Science.

MAJOR: MUSIC, Liberal Arts

(Code 060-201)

<u>Music Requirements</u>	<u>Credits</u>
Theory—Musi 141/142, 146/147, 246/247, 248, 249	16
History/Literature—Musi 225, 227, 229, 303, 405	12
Applied Instrument—eight semesters, eight credits Musi 151/351-172/372 (excluding 170/370), two credits at 300 level	8
Conducting—Musi 350	2
Ensembles—Eight semesters, four credits from 180/380, 181/381, 184/384, 188/388, 190/390, 191/391, or 192/392; two credits from 253/453-268/468 and/or 186/386; and two credits of elective ensemble	8
Piano Proficiency—passed prior to graduation.	—
	46

Other Requirements

See College of Arts and Sciences degree requirements, Bachelor of Arts or Bachelor of Science.

MINOR: MUSIC, Liberal Arts

(Code 060-401)

Minimum course credit requirements include, Theory: Musi 141/142, 146/147 (eight crs.); History/Literature: Musi 110, 225 (five crs.); Applied Music (four crs., four semesters from one instrument, excluding Musi 170/370); Large Ensemble (three crs., three semesters from 180/380, 181/381, 184/384, 188/388, 190/390, 191/391, or 192/392); Music Elective (four crs.) elected from 227, 229, 246, 248, 249, Applied Music (maximum of two crs.), Ensemble (maximum of two crs.) elected from 180/380, 181/381, 184/384, 186/386, 188/388, 190/390, 191/391, 192/392, 255/455-268/468 or 280/480.

NOTE: Music minors are required to participate in Performance Class and attend ten approved concerts and recitals for a minimum of three semesters; passing the piano proficiency is also a requirement.

Theatre Arts and Dance

The arts of theatre—acting, directing, playwriting, design, literature, and costuming—enable us to explore the experiences of humans and the universe. Theatre Arts studies human ideas, values, relationships, obsessions, and accomplishments. Practical experimentation and prac-

tice of the arts of the theatre increases our ability to present human experiences to audiences for both entertainment and enlightenment.

Theatre Arts programs offer students training in various aspects of theatre including technical theatre, acting, directing, dance, dramatic literature, playwriting, and arts management.

COMPREHENSIVE MAJOR: THEATRE ARTS, Liberal Arts
(Code 601-001)

Sixty semester credits, twenty-one core requirement credits, including: Thea 121, 125, 130, 151, 152, 153, 221, 332, 425; either Thea 123 or 239; either Thea 321 or 327; either Thea 220 or 228; one course from Dnce 110, 112, 114, or 116; five different credits from Thea 170-179, Thea 351-353 and 370-379; 15 credits from any three-credit Thea class numbered 200 or above, Musi 118, or Dnce 110, 112, 114, or 116; and nine credits of adviser-approved electives.

MAJOR: THEATRE ARTS, Liberal Arts (Code 601-223)

Thirty-eight semester credits, twenty-one core requirement credits, including: Thea 121, 125, 130, 151, 152, 153, 221, 332, 425; either Thea 123 or 239; either Thea 321 or 327; either Thea 220 or 228; two different credits from Thea 170-179 and Thea 370-379; and six credits from any three-credit Thea course numbered 200 or above, Musi 118, and Dnce 110, 112, 114, 116.

MAJOR: THEATRE ARTS, Teaching (Code 601-204)

Thirty-six semester credits: Thea/ES 361; Thea 121, 125, 130, 151, 152, 153, 221, 271, 332, 335, 425; Thea 123 or 239; one credit from Thea 170-179 or 370-379; and Thea 336 or 421. This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option C and leads to licensure to teach Theatre in Early Childhood through Adolescence classrooms.

MINOR: THEATRE ARTS, Liberal Arts (Code 601-422)

Twenty-four semester credits, twenty-one core requirement credits, including: Thea 121, 125, 130, 151, 152, 153, 221, 332, 425; and any three-credit Thea course numbered 200 or above.

MINOR: THEATRE ARTS, Middle Childhood/Early Adolescence Teaching (Code 601-425)

Twenty-four semester credits: Thea/ES 361; Thea 121, 125, 130, 151, 152, 153, 332, 335; Thea 170-179 or 370-379; and Thea 336 or 421. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A and leads to licensure to teach Theatre in Middle Childhood through Early Adolescence classrooms.

MINOR: THEATRE ARTS, Early Adolescence/Adolescence Teaching (Code 601-424)

Twenty-four semester credits: Thea/ES 361; Thea 121, 125, 130, 151, 152, 153, 332, 335; and one credit from Thea 170-179 or 370-379. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Theatre in Early Adolescence through Adolescence classrooms.

INFORMATION FOR THEATRE EDUCATION MAJORS AND MINORS

Theatre education majors and minors are required to take the following fine arts courses in their General Education/elective programs: one music course from Musi 100, 102, 110, or 340; Engl 181; Art 105 or 106; and one dance course from Dnce 101, 112, or 114.

MINOR: DANCE, Liberal Arts (Code 605-400)

Twenty-four credits, including Dnce 101, 110, 112, 114, 116, 310, 312, 314, 316, 420, 497; Kins 194; Musi 110 or 225 or 307; Thea 121 or 130 or 239; plus zero-one* credit adviser-approved elective.

*If Musi 225 (two crs.) is used to fulfill the music course requirement, a one-credit adviser-approved elective is required.

MUSIC AND THEATRE ARTS

DEPARTMENTAL HONORS IN MUSIC AND THEATRE ARTS

Eligibility

Upper-class music and theatre arts majors with resident and transfer GPAs of 3.50 or higher and a 3.50 or higher in the major are eligible for participation in the departmental honors program. Participants whose cumulative and/or major GPA falls below 3.50 can still graduate with honors as long as his/her GPA increases to 3.50 before graduation.

Procedure for Admission

A written application, available in the department office, is submitted for approval by the Departmental Honors Committee no later than the third week of classes of the junior year. Transfer students entering UW-Eau Claire with junior status must apply no later than the end of the third week of classes.

Requirements for Graduation with Departmental Honors

1. Complete all degree requirements for the major in music or theatre arts with a cumulative and major program GPA of 3.50 or higher.

2. Complete three honors course projects attached to courses that represent three different honors course categories. Approval of the course instructor and Honors Committee is required and a description of the honors work to be done must be submitted to the committee by the end of the third week of classes. A report must be filed with the committee three weeks before final examination week.

3. Complete an honors paper supporting a senior project or performance under the direction of a department faculty member (e.g., historical, theoretical, pedagogical research; criticism; playwriting; composition; scenic or costume design; directing; solo recital; major acting/operatic role). The paper is defended orally to a faculty jury consisting of its faculty director and two members of the Honors Committee. A copy of the paper is filed with the committee.

CERTIFICATE PROGRAM

The **Certificate in Fine Arts Administration** provides students with a core body of knowledge and skills to effectively manage community or institutionally based arts organizations and provides a foundation for continued study in fine arts administration. Emphasis is placed on management and communication skills useful to administrators of fine arts enterprises. The 18-credit program includes elective courses, a capstone seminar, and a one-semester internship.

Admission – Students who document interest, motivation, and commitment to the field of fine arts administration are eligible for admission. Admission is by written application. Applications are available from the Department of Music and Theatre Arts.

Program requirements – 18 credits, including Idis 410; Art, Musi, or Thea 498; and 12 credits of adviser-approved courses from three of the following course groups: Group I: Acct 201; Bcom 405/605; Bsad 305; Thea 434/634. Group II: Art 312; CJ 365; CS 318; Engl 305, 409. Group III: CJ 265, 270, 304/504, 307/507, 308/508, 357/557. Group IV: Art 105; Dnce 101; Musi 110; Phil 325; Thea 101. (One course from Group IV is required for students with non-fine arts backgrounds.)

A minimum grade of B must be earned in Idis 410 and Art, Musi, or Thea 498. A minimum grade of C+ must be earned in all other certificate courses, and a minimum overall GPA of 2.50 is required for awarding the certificate.

General Education IVA Information

GE-IVA (Humanities-Fine Arts) credit for the following ensembles is granted if three credits are earned in any one, or a combination, of them. GE-IVA credit is limited to three credits; additional credit will count as elective credit (non-GE).

Musi 180, 182, 183, 184, 186, 188, 190, 191, 192, 193, 253, 380, 382, 384, 386, 388, 390, 391, 392, 393, and 453.

MUSI

MUSI 100 Performing Arts On Stage

3 crs. • GE-IVA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

MUSI 102 Fundamentals of Music

2 crs. • F, Sp • GE-IVA • P: No credit if taken after or concurrently with MUSI 141.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• 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.

MUSI 104 Introduction to Piano

2 crs. • F, Sp • GE-IVA • No Auditors

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 1

• 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.

MUSI 106 Class Piano

2 crs. • F, Sp • GE-IVA • No Auditors • P: MUSI 104 or keyboard placement exam. • Department Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• No credit toward music major or minor programs.

Fundamental piano knowledge with an introduction to repertoire, technique, harmonization, and sight-reading.

MUSI 108 Advanced Class Piano

2 crs. • F, Sp • GE-IVA • No Auditors • P: MUSI 106 or keyboard placement exam. • Department Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• No credit toward music major or minor programs.

Designed for the student with some knowledge of piano. Sightreading, harmonization, transposition, technique, and repertoire are stressed in preparation for the proficiency examination given at course conclusion.

MUSI 110 Music Appreciation

3 crs. • F, Sp • GE-IVA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Master works and historical eras of Western music; nontechnical, offered for enjoyment and enrichment of cultural background.

MUSI 111 Folk Music in the U.S.

3 crs. • CD2; GE-IVA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Forms and cultures represented in folk music in the United States.

MUSI 112 History of Rock and Pop

3 crs. • Su • CD1; GE-IVA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• No credit toward music major or minor programs.

Non-technical stylistic development and history of popular music in the United States and United Kingdom from approximately 1955 through 1985. Emphasis placed on developing perceptive listening skills and analyzing cultural and social contexts.

MUSI 114 Evolution of Jazz

2 crs. • CD2; GE-IVA

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• No credit toward any music major or minor degree program.

Non-technical history and appreciation of jazz.

MUSI 118 Introduction to Singing

2 crs. • GE-IVA • No Auditors • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 1

• 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.

MUSI 141 Theory Written I

3 crs. • F • P: Limited to music/music therapy majors and minors. • Instructor Consent Required

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Triads and their inversions, principles of voice leading, and first through fourth species counterpoint.

MUSI 142 Theory Aural I

1 cr. • F • P: Limited to music/music therapy majors and minors. • Instructor Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Skills in aural recognition and sight-singing, including simple melodies and basic techniques related to melodic and harmonic dictation.

MUSI 146 Theory Written II

3 crs. • Sp • P: Grades of C- (C minus) or above in MUSI 141 and MUSI 142.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

MUSI 147 Theory Aural II

1 cr. • Sp • P: Grades of C- (C minus) or above in MUSI 141 and 142.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Continuation of Theory Aural I, with addition of seventh chords, non-harmonic tones, secondary dominants, and modulation to closely related keys.

MUSI 150 Beginning Composition

2 crs. • Sp • P: MUSI 141 and 142.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Introduction to principles of music composition with an emphasis on recent art music. Composition and performance of student works for one to five players.

MUSI 151 Applied Music-Piano

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required

Solo repertoire, techniques, and performance.

MUSI 152 Applied Music-Organ

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required

Solo repertoire, techniques, and performance.

MUSI 153 Applied Music-Voice

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required

Solo repertoire, techniques, and performance.

MUSI 154 Applied Music-Violin

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required

Solo repertoire, techniques, and performance.

MUSI 155 Applied Music-Viola

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required

Solo repertoire, techniques, and performance.

MUSI 156 Applied Music-Cello

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required

Solo repertoire, techniques, and performance.

MUSI 157 Applied Music-Double Bass

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required

Solo repertoire, techniques, and performance.

MUSI 158 Applied Music-Flute

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required

Solo repertoire, techniques, and performance.

MUSI 159 Applied Music-Oboe

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required

Solo repertoire, techniques, and performance.

MUSI 160 Applied Music-Clarinet

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required

Solo repertoire, techniques, and performance.

MUSI 161 Applied Music-Bassoon

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required

Solo repertoire, techniques, and performance.

MUSI 162 Applied Music-Saxophone

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required

Solo repertoire, techniques, and performance.

MUSI 163 Applied Music-Trumpet/Cornet

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required

Solo repertoire, techniques, and performance.

MUSI 164 Applied Music-French Horn

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required

Solo repertoire, techniques, and performance.

MUSI 165 Applied Music-Trombone

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required

Solo repertoire, techniques, and performance.

MUSI 167 Applied Music-Euphonium

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required

Solo repertoire, techniques, and performance.

MUSI 168 Applied Music-Tuba

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required

Solo repertoire, techniques, and performance.

MUSI 169 Applied Music-Percussion

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required

Solo repertoire, techniques, and performance.

MUSI 170 Applied Music-Composition

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required

Solo repertoire, techniques, and performance.

MUSI 171 Applied Music-Harp

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required

Solo repertoire, techniques, and performance.

MUSI 172 Applied Music-Harpsichord

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required

Solo repertoire, techniques, and performance.

MUSI 180 Symphony Band

1 cr. • F, Sp • AC • May be repeated for a maximum of 7 credits • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 4

• Audition required.

Local concerts, annual concert tour and/or other out-of-town appearances may be part of this course.

MUSI 181 Wind Ensemble

1 cr. • F, Sp • May be repeated for a maximum of 7 credits • A-F Grades Only • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 4

• 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.

MUSI 182 University Band

1 cr. • F, Sp • AC • May be repeated for a maximum of 7 credits

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

Local concerts, an annual concert tour and/or other out-of-town appearances may be part of this course.

MUSI 183 Marching Band

1 cr. • F • AC • May be repeated for a maximum of 7 credits

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 1

• Audition required.

Perform at all home football games and the Homecoming Parade. Out-of-town performances may be part of this course.

MUSI 184 University Orchestra

1 cr. • F, Sp • AC • May be repeated for a maximum of 7 credits • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 4

• Audition required. Local and out-of-town appearances may be a part of this course.

Includes study and performance of major orchestral literature.

MUSI 185 Summer Band

1 cr. • Su • AC • May be repeated for a maximum of 7 credits

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• No audition required.

One performance is given during summer session.

MUSI 186 Jazz Ensemble

1 cr. • F, Sp • AC • May be repeated for a maximum of 4 credits • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• Audition required.

Techniques and literature. Local concerts and out-of-town appearances may be a part of this course.

MUSI 188 Concert Choir

1 cr. • F, Sp • AC • May be repeated for a maximum of 7 credits • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 4

• Audition required.

Local concerts, an annual concert tour, and/or other out-of-town appearances are required.

MUSIC AND THEATRE ARTS

MUSI 189 Summer Choir

1 cr. • Su • AC • May be repeated

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• No audition required.

One performance given during summer session.

MUSI 190 Symphonic Choir

1 cr. • F, Sp • AC • May be repeated for a maximum of 7 credits • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• Audition required.

A large choir which performs major choral works with orchestra. Off-campus performance may be required.

MUSI 191 Men's Glee Club (The Statesmen)

1 cr. • F, Sp • AC • May be repeated for a maximum of 7 credits • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

• Audition required.

Local concerts, an annual tour, and/or other out-of-town performances are required.

MUSI 192 Women's Concert Chorale

1 cr. • F, Sp • AC • May be repeated for a maximum of 7 credits • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 1

• Audition required.

Local concerts, an annual tour, and/or other out-of-town performances are required.

MUSI 193 Women's Chorus

1 cr. • AC • May be repeated for a maximum of 7 credits • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 1

• 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.

MUSI 196 String Techniques

1 cr. • F, Sp • AC • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 1

Materials, methods and techniques of playing and teaching violin, viola, cello, and bass through lecture and lab performance.

MUSI 198 Percussion Techniques

1 cr. • F, Sp • No Auditors • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 1

Materials, methods, and techniques of playing and teaching percussion instruments through lecture and lab performance.

MUSI 202 Brass Techniques

1 cr. • F, Sp • No Auditors • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 1

Materials, methods, and techniques of playing and teaching trumpet, horn, trombone, euphonium, and tuba through lecture and lab performance.

MUSI 208 Woodwind Techniques

1 cr. • F, Sp • P: Minimum sophomore standing. • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 1

Materials, methods, and techniques of playing and teaching clarinet and saxophone through lecture and lab performance.

MUSI 210 Woodwind Techniques

1 cr. • F, Sp • P: Minimum sophomore standing. • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 1

Materials, methods, and techniques of playing and teaching flute, oboe, and bassoon through lecture and lab performance.

MUSI 211 Music Education as a Profession

1 cr. • F, Sp • P: Must have passed the PPST exam. Limited to music education majors. Minimum sophomore standing.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 1

Introduction to the role of music and the music educator in the schools. Focuses on the unique educational aspects of the job of music teacher and the formulation of personal ideas and beliefs.

MUSI 225 World Music

2 crs. • F, Sp • FC; CD1; GE-IVA

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Comparisons of diverse cultures through an examination of their musical practices: Native American, Hmong, Asian, African, Japanese, and South American.

MUSI 227 Music History to 1600

2 crs. • F • P: MUSI 146

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Development of music in Western civilization to 1600.

MUSI 229 Music History 1600 to 1900

3 crs. • Sp • P: MUSI 227. Must be taken with MUSI 248.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Continuation of Musi 227, covering 1600 to 1900.

MUSI 242 Introduction to Music Technology

2 crs.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Introduction to technology as a music tool; historical perspectives; review of important people and works. Practical work with word processing and graphic illustrations; use of MIDI, basic music notation, sequencing, sampling, networking and multimedia presentations.

MUSI 244 Music Notation at the Computer

1 cr. • F, Sp • P: MUSI 108 • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

Learning to notate music by means of MIDI and Macintosh computer using Finale software.

MUSI 246 Theory Written III

3 crs. • F • P: Grades of C- (C minus) or above in MUSI 146 and MUSI 147.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

MUSI 247 Theory Aural III

1 cr. • F • P: Grades of C- (C minus) or above in MUSI 146 and MUSI 147.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Continuation of Theory Aural II, with the addition of altered chords, chords of multiple thirds, Neapolitan sixth chord, augmented sixth chords, and advanced modulation.

MUSI 248 Theory Written IV

3 crs. • Sp • P: Grades of C- (C minus) or above in MUSI 246 and MUSI 247.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Continuation of Theory Written III, with the addition of late nineteenth-century chromaticism and form, and techniques of twentieth-century composers.

MUSI 249 Theory Aural IV

1 cr. • Sp • A-F Grades Only • P: Grades of C- (C minus) or above in MUSI 246 and MUSI 247.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Continuation of Theory Aural III, with the addition of material employed by composers of the mid-late nineteenth century and the twentieth century.

MUSI 253 University Chamber Orchestra

1 cr. • F, Sp • AC • May be repeated for a maximum of 4 credits • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 1

• Audition required. GE-IVA (Humanities-Fine Arts) credit for MUSI 253 is granted if three credits are earned in it, or a combination of ensembles carrying GE-IVA credit. GE-IVA credit is limited to three credits, additional credit will count as elective credit (non-GE).

Ensembles in the following areas:

MUSI 255 String Ensemble

1 cr. • F, Sp • AC • May be repeated for a maximum of 4 credits • Instructor Consent Required

MUSI 256 Brass Ensemble

1 cr. • F, Sp • AC • May be repeated for a maximum of 4 credits • Instructor Consent Required

MUSI 257 Woodwind Ensemble

1 cr. • F, Sp • AC • May be repeated for a maximum of 4 credits • Instructor Consent Required

MUSI 258 Percussion Ensemble

1 cr. • F, Sp • AC • May be repeated for a maximum of 3 credits • Instructor Consent Required

MUSI 259 Jazz Combo

1 cr. • F, Sp • AC • May be repeated • No Auditors • Instructor Consent Required

MUSI 262 Chamber Choir

1 cr. • F, Sp • AC • May be repeated for a maximum of 4 credits • Department Consent Required

MUSI 265 Vocal Jazz Ensemble

1 cr. • F, Sp • AC • May be repeated for a maximum of 4 credits • Instructor Consent Required

MUSI 268 Piano Ensemble

1 cr. • F, Sp • AC • May be repeated for a maximum of 4 credits • Instructor Consent Required

MUSI 278 Beginning Functional Piano

1 cr. • F • P: MUSI 146, 147; completion of the Piano Proficiency Examination. • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

Beginning melodic realization by ear, simple accompaniment patterns, harmonization using primary chords, transposition and modulation, song arrangements, improvisation, and lead-sheet realization.

MUSI 280 Opera/Music Theatre Workshop

1 cr. • F, Sp • May be repeated for a maximum of 9 credits • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

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.

MUSI 290 Music and Culture Abroad

1-3 crs. • FC; GE-IVA

Emphasis on music and culture of the host country.

MUSI 297 Sophomore Recital

1-2 crs. • F, Sp • No Auditors • 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.

MUSI 303 Music History 1900 to Present

3 crs. • Sp • FC; CD1 • P: MUSI 229 and 308.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Developments in Western music from Impressionism to present day.

MUSI 306 Women in Music

3 crs. • GE-IVA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both MUSI 306 and WMNS 306.

History of women composers, performers, and scholars from the middle ages to the present, exploring how gender has affected the educational opportunities, professional endeavors, and critical assessment of women in music.

MUSI 307 Music in the United States

3 crs. • Sp odd years • GE-IVA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Overview of the musical heritage of the United States from the Colonial Period to the present. Historical, social, and cultural conditions which have affected the development of music in the United States will be illustrated throughout the course.

MUSI 308 Introduction to Twentieth Century Techniques

2 crs. • F, Sp • P: Grade of C- (C minus) or above in MUSI 248.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Study of harmonic/contrapuntal materials employed by composers since 1900.

MUSI 309/509 Electronic Music

2 crs. • Odd years • No Auditors • P: MUSI 308 • Instructor Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Discussion, exposure, and experimentation in synthesizer techniques (ARP 2600); patching between studio modules; tape composition.

MUSI 312 Eurhythmics

2 crs. • F, Sp • No Auditors • P: Limited to music/music therapy majors and minors.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Elements of music and musical expression through the medium of bodily movement.

MUSI 313/513 Music in Early Childhood

2 crs. • Sp • P: MUSI 102. Limited to SPED, ELED, and music teaching majors and minors.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Theories of early childhood development, strategies for structuring musical experiences, and uses of music to facilitate growth in other areas.

MUSI 315/515 Piano Pedagogy

2 crs. • F even years • Instructor Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Survey problems of individual and class instruction, piano method books and literature, the physiological basis of piano playing, instrument construction and care, and sound business practices for the studio teacher.

MUSI 318 Electronic Music for the Non-Professional

3 crs. • Su • GE-IVA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

MUSI 319 North American Indian Music

3 crs. • F • CD3; GE-IVA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A survey of North American Indian music in contemporary and historical contexts.

MUSI 325 Orchestration

2 crs. • P: MUSI 246

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Range, transposition, playing characteristics, and practical use of the instruments.

MUSI 335/535 Baroque Counterpoint

2 crs. • Even years • P: MUSI 246

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Instrumental counterpoint in two and three voices, based on eighteenth century techniques.

MUSI 338 Jazz History and Analysis

3 crs. • F • CD3 • P: MUSI 147. Limited to any music degree major or minor program.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Technical survey of jazz history with music analysis.

MUSI 339 Jazz Arranging

2 crs. • P: MUSI 246 and 247.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Arranging for small and large ensembles in the jazz idiom.

MUSI 340/540 Music and Related Arts in PK-8 Education

3 crs. • F, Sp • A-F Grades Only • P: ES 203. Limited to elementary education and special education majors. No credit if taken after MUSI 240.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

MUSI 341 Jazz Improvisation

2 crs. • GE-IVA • No Auditors • Instructor Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• 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.

MUSI 343 Composing with MIDI

1 cr. • F • P: MUSI 308 • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

An in-depth study of MIDI and sound synthesis and their use in composition.

MUSI 345/545 Voice Pedagogy

3 crs. • Sp • P: Four semesters of MUSI 153 and/or 353. Limited to music/voice majors and minors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

MUSI 347 Singers' Diction: Italian and German

2 crs. • Odd years

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Study of Italian and German lyric diction. Designed primarily for singers.

MUSI 348 Singers' Diction: English and French

2 crs. • Even years

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Study of English and French lyric diction. Designed primarily for singers.

MUSI 350 Conducting

2 crs. • F, Sp • No Auditors • P: MUSI 246, 247 and completion of the Piano Proficiency Examination.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

A basic course in fundamental, practical skills of baton and rehearsal techniques for both instrumental and choral music.

MUSIC AND THEATRE ARTS

MUSI 351 Advanced Applied Music-Piano

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 352 Advanced Applied Music-Organ

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 353 Advanced Applied Music-Voice

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 354 Advanced Applied Music-Violin

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 355 Advanced Applied Music-Viola

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 356 Advanced Applied Music-Cello

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 357 Advanced Applied Music-Double Bass

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 358 Advanced Applied Music-Flute

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 359 Advanced Applied Music-Oboe

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 360 Advanced Applied Music-Clarinet

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 361 Advanced Applied Music-Bassoon

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 362 Advanced Applied Music-Saxophone

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 363 Advanced Applied Music-Trumpet/Cornet

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 364 Advanced Applied Music-French Horn

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 365 Advanced Applied Music-Trombone

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 367 Advanced Applied Music-Euphonium

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 368 Advanced Applied Music-Tuba

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 369 Advanced Applied Music-Percussion

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 370 Advanced Applied Music-Composition

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 371 Advanced Applied Music-Harp

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 372 Advanced Applied Music-Harpsichord

1-4 crs. • F, Sp • May be repeated • No Auditors • Instructor Consent Required
Advanced repertoire, techniques, and performance.

MUSI 378 Advanced Functional Piano

2 crs. • Sp • No Auditors • P: MUSI 278; 4 crs of MUSI 151, or consent of instructor. • Instructor Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Advanced sight-reading, transposition, harmonization, modulation, improvisation, lead-sheet realization, and accompaniment styles.

MUSI 380 Symphony Band

1 cr. • F, Sp • AC • May be repeated for a maximum of 7 credits • No Auditors • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 4

• Audition required.

Local concerts, annual concert tour and/or other out-of-town appearances may be part of this course.

MUSI 381 Wind Ensemble

1 cr. • F, Sp • May be repeated for a maximum of 7 credits • A-F Grades Only • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 4

• 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.

MUSI 382 University Band

1 cr. • F, Sp • AC • May be repeated for a maximum of 7 credits

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

Local concerts, an annual concert tour and/or other out-of-town appearances may be part of this course.

MUSI 384 University Orchestra

1 cr. • F, Sp • AC • May be repeated for a maximum of 7 credits • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 4

• Audition required. Local and out-of-town appearances may be a part of this course.

Includes study and performance of major orchestral literature.

MUSI 385 Summer Band

1 cr. • Su • AC • May be repeated for a maximum of 7 credits

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• No audition required.

One performance is given during summer session.

MUSI 386 Jazz Ensemble

1 cr. • F, Sp • AC • May be repeated for a maximum of 4 credits • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• Audition required.

Techniques and literature. Local concerts and out-of-town appearances may be a part of this course.

MUSI 388 Concert Choir

1 cr. • F, Sp • AC • May be repeated for a maximum of 7 credits • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 4

• Audition required.

Local concerts, an annual concert tour, and/or other out-of-town appearances are required.

MUSI 389 Summer Choir

1 cr. • Su • AC • May be repeated

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• No audition required.

One performance is given during summer session.

MUSI 390 Symphonic Choir

1 cr. • F, Sp • AC • May be repeated for a maximum of 7 credits • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• Audition required.

A large choir which performs major choral works with orchestra. Off-campus performance may be required.

MUSI 391 Men's Glee Club (The Statesmen)

1 cr. • F, Sp • AC • May be repeated for a maximum of 7 credits • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

• Audition required.

Local concerts, an annual tour, and/or other out-of-town performances are required.

MUSI 392 Women's Concert Chorale

1 cr. • F, Sp • AC • May be repeated for a maximum of 7 credits • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

• Audition required.

Local concerts, an annual tour, and/or other out-of-town performances are required.

MUSI 393 Women's Chorus

1 cr. • AC • May be repeated for a maximum of 7 credits • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 1

• 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.

MUSI 394/594 Choral Workshop Abroad

1-3 crs. • Su • AC

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.

MUSI 397 Junior Recital

1-2 crs. • No Auditors • P: Minimum junior standing. • 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.

MUSI 399 Independent Study - Juniors

1-3 crs. • May be repeated • P: Minimum junior standing. • Department Consent Required

MUSI 405 Music History Seminar

2 crs. • F, Sp • May be repeated for a maximum of 10 credits • P: MUSI 225, 303. Limited to music/music therapy majors and minors.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Topics will vary depending on interests of students and faculty. Topics may be specific themes, styles, composers, or eras in history. It will involve readings on the selected topic and preparation of a research project by each student.

MUSI 406/606 Canon and Fugue

2 crs. • Odd years • P: MUSI 335

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Study of instrumental polyphony using eighteenth, nineteenth, and twentieth century models.

MUSI 407 Music Theory Seminar

2 crs. • Sp odd years • May be repeated for a maximum of 4 credits • P: MUSI 248. Limited to music/music therapy majors and minors.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

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.

MUSI 408/608 Theory Pedagogy

2 crs. • Odd years • P: MUSI 248

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Survey of materials, texts, techniques, and problems associated with teaching theory.

MUSI 418/618 Alexander Technique

2 crs. • V • May be repeated for a maximum of 4 credits • P: Limited to music and theatre arts majors and minors and dance minors. Minimum junior standing.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

The Alexander Technique is a hands-on approach to movement re-education. This technique is used by actors, musicians, dancers and others to improve their talents, manage pain and stress, and enhance their creativity.

MUSI 421 Marching Band Procedures

2 crs. • Sp • P: MUSI 183. Limited to music education majors. Minimum junior standing. • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 1

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.

MUSI 425/625 Jazz Ensemble Techniques

1-2 crs.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Organization and selection of literature, rehearsal and interpretation techniques, arranging, and improvisation. Overview of the relationship to present day curriculum and music education goals.

MUSI 427/627 Symphonic Literature

3 crs. • P: MUSI 229 and 248 or graduate standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Symphony orchestra and its literature from the eighteenth century to the present.

MUSI 428/628 Music in the U.S.A.

3 crs. • P: MUSI 229

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A survey of music in the U.S.A. from colonial times to the present.

MUSI 433/633 Nineteenth-Century Harmonic Practice

3 crs. • Sp even years • P: MUSI 248

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Progressive harmonic tendencies and individualized composer traits of the nineteenth century.

MUSI 437/637 Renaissance Counterpoint

2 crs. • Even years • P: MUSI 308

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Vocal counterpoint in two and three voices, based on sixteenth century techniques.

MUSI 442 The Art of Musicianship

2 crs. • F even years • P: MUSI 248, 300-level course in the applied area. Limited to music majors and minors.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Integrates historical evidence, analytical skills, and intuitive insights in the preparation of musical performance. Students will develop individual performance projects.

MUSI 450/650 Band Arranging

2 crs. • Odd years • May be repeated for a maximum of 4 credits • P: MUSI 325

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Techniques of band scoring.

MUSI 453 University Chamber Orchestra

1 cr. • F, Sp • AC • May be repeated for a maximum of 4 credits

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 1

• Audition required. GE-IVA (Humanities-Fine Arts) credit for MUSI 453 is granted if three credits are earned in it, or a combination of ensembles carrying GE-IVA credit. GE-IVA credit is limited to three credits, additional credit will count as elective credit (non-GE).

Ensembles in the following areas:

MUSI 455 String Ensemble

1 cr. • F, Sp • AC • May be repeated for a maximum of 4 credits • Instructor Consent Required

MUSI 456 Brass Ensemble

1 cr. • F, Sp • AC • May be repeated for a maximum of 4 credits • Instructor Consent Required

MUSI 457 Woodwind Ensemble

1 cr. • F, Sp • AC • May be repeated for a maximum of 4 credits • Instructor Consent Required

MUSI 458 Percussion Ensemble

1 cr. • F, Sp • AC • May be repeated for a maximum of 4 credits • Instructor Consent Required

MUSI 459 Jazz Combo

1 cr. • F, Sp • AC • May be repeated • No Auditors • Instructor Consent Required

MUSI 461 Voice Ensemble

1 cr. • F, Sp • AC • May be repeated for a maximum of 2 credits • A-F Grades Only • P: MUSI 353 or concurrent enrollment. • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

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.

MUSI 462 Chamber Choir

1 cr. • F, Sp • AC • May be repeated for a maximum of 4 credits • Instructor Consent Required

MUSI 465 Vocal Jazz Ensemble

1 cr. • F, Sp • AC • May be repeated for a maximum of 4 credits • Instructor Consent Required

MUSIC AND THEATRE ARTS

MUSI 468 Piano Ensemble

1 cr. • F, Sp • AC • May be repeated for a maximum of 4 credits • Instructor Consent Required

MUSI 470/670 Opera Literature

3 crs. • Sp even years • P: Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

The historical and stylistic developments in opera from its beginnings to the present through examination of the operatic repertoire.

MUSI 472/672 Voice Literature

3 crs. • Sp odd years • P: Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

The study of solo voice literature, its interpretation and stylistic development from the seventeenth century to the present.

MUSI 474/674 Basso Continuo Realization at the Keyboard

2 crs. • P: MUSI 227, 229, 248; MUSI 351 or 352 or 372 or consent of instructor.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

A course in the technique and practice of realizing basso continuo parts in Baroque music. Designed primarily for harpsichord, piano, organ, and music history majors.

MUSI 475/675 Piano Literature

3 crs. • F odd years • P: Minimum junior standing or two semesters of 300-level applied keyboard study or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A broad survey of solo and concerted piano literature. Examination of performance practices, technical developments, and historical direction from the Baroque to the present day.

MUSI 476/676 Advanced Instrumental Techniques

1-3 crs. • Su • May be repeated

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.

MUSI 477/677 17th-18th Century Performance Practice

3 crs. • Sp even years • P: MUSI 227 and 229 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Examination of authentic Baroque and Classical performance, using recordings, class performance, original editions, theorists, and modern scholarly writings. Emphasis on the eighteenth century.

MUSI 478 Directing Practicum - Cabaret Productions

1 cr. • F • SL-Full • May be repeated for a maximum of 3 credits • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0.5

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.

MUSI 480 Opera/Music Theatre Workshop

1 cr. • F, Sp • May be repeated for a maximum of 9 credits • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

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.

MUSI 490/690 Elementary Music Education Workshop

1-2 crs. • Su • May be repeated

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.

MUSI 491/691 Special Topics

1-3 crs. • May be repeated for a maximum of 9 credits • 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.

MUSI 492/692 Choral Workshop

1-2 crs. • Su • May be repeated for a maximum of 9 credits

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.

MUSI 493/693 Jazz Arranging Workshop

2 crs. • Su • P: MUSI 141, 142, 146, 147.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Instruction in techniques of arranging and scoring in jazz tradition and styles.

MUSI 494/694 Percussion Workshop

1-2 crs. • Su • P: MUSI 198

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

For instrumental music directors who need to improve their knowledge of percussion. Review and/or introduction of basic pedagogy and practical care of instruments.

MUSI 495 Directed Studies-Pedagogy (Major Instrument)

1-3 crs. • F, Sp, Su • May be repeated for a maximum of 6 credits • P: Two semesters applied 300-level courses. Minimum senior standing. • 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.

MUSI 496 Directed Studies-Literature (Major Instrument)

1-3 crs. • F, Sp, Su • May be repeated for a maximum of 6 credits • P: Two semesters applied 300-level courses. Minimum senior standing. • Department Consent Required

• Required of B.M. instrumental majors.

Survey of solo and ensemble literature; includes score analysis, research and critical listening.

MUSI 497 Senior Recital

1-2 crs. • CP • No Auditors • P: Minimum senior standing. • 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.

MUSI 498 Music Internship

3 crs. • F, Sp • SL-Full; IN • May be repeated for a maximum of 6 credits • No Auditors • Instructor Consent Required

• Limited to music majors and minors and students enrolled in the Fine Arts Administration certificate program.

Practical experience in a professional or community-based music, cultural, or educational organization or business. Students will extend knowledge and skills gained in prior courses.

MUSI 499 Independent Study - Seniors

1-3 crs. • May be repeated • P: Minimum senior standing. • Department Consent Required

MUED

MUED 135 Conducting Laboratory

1 cr. • F, Sp • May be repeated for a maximum of 3 credits • No Auditors

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2

• Required of all majors and minors, open to all students.

Provides a balanced band, orchestra, and choir for the junior and senior music students to conduct.

MUED 211 Introduction to Music Education

1 cr. • F, Sp • A-F Grades Only • P: Passing PPST scores. No credit if taken after MUSI 211. Minimum sophomore standing.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 1

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.

MUED 300 Adaptive Music

1 cr. • F, Sp • A-F Grades Only • P: MUED 310

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

Focuses on structuring activities and adapting environments for students with special needs (exceptionalities). Discussions focus on ten exceptionalities and the use of adaptive music techniques and adaptive instruments, published materials and web resources to assist instruction. Field experiences including observation and teacher assisting are integrated into the course.

MUED 310 Principles, Practices, and Practicum in General Music PreK-5

2 crs. • F, Sp • A-F Grades Only • P: Successful completion of MUED 211 or MUSI 211, and completion of the Piano Proficiency Examination. • Instructor Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Pedagogical focus on musical concepts, current and emerging instructional models, methods, materials, and strategies for designing and assessing developmentally appropriate learning experiences for PreK-5 music classes. Includes observation and teaching in public schools with emphasis upon teacher standards and reflective practice.

MUED 318 Music as Content in Schools

2 crs. • F, Sp • A-F Grades Only • P: Limited to music education majors admitted to the College of Education & Human Sciences. Must be taken with ES 312.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

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.

MUED 400 Choral Literature and Conducting

2 crs. • Sp • P: Grade of C or above in MUSI 350. Limited to music education majors.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 1

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.

MUED 401 Instrumental Literature and Conducting

2 crs. • F • P: Grade of C or above in MUSI 350. Limited to music education majors.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 1

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.

MUED 410 Secondary Choral Teaching Methods

2 crs. • F • A-F Grades Only • P: MUED 211 and MUSI 350.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 1

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.

MUED 411 Secondary Instrumental Teaching Methods

2 crs. • Sp • A-F Grades Only • P: MUED 211 and MUSI 350.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 1

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.

MUED 420 Seminar in Teaching Choral Music

1 cr. • F • A-F Grades Only • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

Special topics course that deals with the responsibilities generally associated with being a choral music instructor in the secondary schools. Topics will include the school musical, vocal jazz, show choir, madrigal choir, technology, touring, and other similar topics.

MUED 421 Seminar in Teaching Instrumental Music

1 cr. • F • A-F Grades Only • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

Variable topics course that deals with the responsibilities generally associated with being an instrumental music instructor in the secondary schools. Topics will include the marching band, other athletic bands, jazz ensembles, jazz combos, chamber music, touring, and technology.

MUED 487 Student Teaching in Music

7-14 crs. • F, Sp • May be repeated for a maximum of 14 credits • S/U Only Grade Basis • P: Limited to music education majors admitted to the College of Education & Human Sciences. No credit if taken after ES 441/445/470.

Practicum: 7 to 14 credits

• Admission to professional semester. Coordinated with ES 497 during professional semester, no other courses may be taken during this semester, attendance at orientation meetings required prior to enrollment.

Professional music teaching experience in the schools under the supervision of a cooperating teacher in the school and related University music personnel. Students should expect to be free of employment and other activities, live in community where assigned, follow school calendar where assigned.

MUED 488 Internship Teaching in Music

11 cr. • F, Sp • Special Course Fee Required • S/U Only Grade Basis • P: Limited to music education majors admitted to the College of Education and Human Sciences. No credit if taken after ES 441/445/470. • Department Consent Required

• Admission to professional semester. Coordinated with ES 497 during professional semester, no other courses may be taken during this semester, attendance at orientation meetings required prior to enrollment.

Professional music teaching internship in the schools under the supervision of a cooperating teacher in the school and related University music personnel. Students should expect to be free of employment and other activities, live in community where assigned, follow school calendar where assigned.

MUED 491/691 Special Topics

1-3 crs. • V • May be repeated for a maximum of 9 credits • 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.

MUED 499 Independent Study - Seniors

1-3 crs. • V • May be repeated • Department Consent Required

An intensive study in music education of particular interest to the student.

MUTX**MUTX 300 Overview of Clinical Improvisation**

1 cr. • Sp odd years • P: MUSI 141 and 142; previous clinical, educational, or volunteer placement as determined by instructor permission. Limited to music therapy majors. • Instructor Consent Required

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 1

This course provides an overview of music therapy clinical improvisation, including vocal and instrumental. Integration of theatre, movement, and visual art are included along with adaptations for client accessibility.

MUTX 312 Therapeutic Application of Dance and Movement

2 crs. • Sp even years • CD1; SL-Half

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2

• No credit if credit earned in MUTX 395 with the same title. Clinical applications for dance and movement to music are developed through study of theory and practice, in-class demonstrations and activities, and weekly laboratories in the field.

MUTX 340 Psychology of Music

3 crs. • F • GE-V

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Musical behavior including acoustics, musical perception, measurement of musical ability and taste, theories of musical aesthetics, and historical review of applications to music therapy.

MUTX 342 Music Therapy I

2 crs. • F • P: MUTX 344 or 444.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Basic principles of music therapy and its application in the treatment and rehabilitation of exceptional children and the mentally ill.

MUTX 343 Music Therapy II

2 crs. • Sp • P: MUTX 344 or 444.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Music therapy techniques in the treatment and rehabilitation of physically disabled and other handicapped persons.

MUTX 344 Influence of Music on Behavior

3 crs. • Sp • P: BIOL 151 and PSYC 100.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Effects of music on human physiological behavior; musical effects and the importance of musical behavior within the context of various psychological constructs; sociological importance of functional music.

MUTX 345 Clinical Orientation

1 cr. • F • P: MUTX 342 or 447, 343 or 448. Must be taken with MUTX 346. Limited to music therapy majors.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2

Classroom discussion of clinical techniques in relating to handicapped persons, development and assessment of music therapy procedures, and professional standards.

MUTX 346 Music Therapy Practicum

1-2 crs. • F, Sp • May be repeated for a maximum of 4 credits • P: MUTX 216 or 215 and 217; 344 or 444. Limited to music therapy majors.

Special project in supervised field work in music therapy. A minimum of 30 contact hours. Placements will be secured with various community agencies serving the disabled.

MUTX 349 Music Therapy Clinical Experience

1-4 crs. • F, Sp • May be repeated for a maximum of 4 credits • P: MUTX 345 • Instructor Consent Required

• Placement in an approved music therapy clinical experience module is required before admission to the course.

This course involves clinical interaction that may include assessment, treatment planning and implementation, and documentation and/or may focus on programming and interdisciplinary treatment team affiliation and reporting.

MUTX 395 Music Therapy Directed Studies

1-6 crs. • F, Sp, Su • May be repeated for a maximum of 6 credits • Department Consent Required

Permits students to do intensive study of a specifically defined clinical topic under the direction of a department of public health professions faculty member.

MUSIC AND THEATRE ARTS

MUTX 441 Psychology of Music Laboratory

1 cr. • Sp • P: MUTX 340

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2

Operation of electronic sound equipment. Laboratory investigation of the psychological effects of music and preparation of the formal research report.

MUTX 449 Internship in Music Therapy

1-6 crs. • F, Sp • SL-Full; CP; IN • May be repeated for a maximum of 6 credits

• P: MUTX 345 • Department Consent Required

• Placement to an AMTA-approved music therapy program is required before admission to the course.

This course involves professionally supervised music therapy experience in the practical application of music therapy techniques.

MUTX 488 Workshop in Music Therapy

1-2 crs.

Professional-level workshop exploring topics of current interest in the field of music therapy.

MUTX 491 Special Topics

1-3 crs. • May be repeated for a maximum of 6 credits • Instructor Consent Required

A variable content course consisting of advanced topics of special interest to students and faculty that are not covered in other music therapy courses.

THEA

THEA 101 Theatre Appreciation

3 crs. • GE-IVA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

THEA 121 Introduction to Technical Theatre

3 crs. • F, Sp • GE-IVA

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4

Theory and practical application in basic phases of technical theatre production, including scenic, electric, and costume construction.

THEA 123 Voice and Diction

3 crs. • Sp odd years

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study of voice and articulation for actors and other performers. Exercises designed for the development of relaxed, controlled, and articulate speech for performance.

THEA 125 Introduction to Theatre History

3 crs. • F, Sp • GE-IVA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Theatre as an art form, dramatic structure, and criticism. Major eras of Western theatre: contributions to dramatic literature, physical theatre, acting, production, and dramatic theory.

THEA 130 Beginning Acting

3 crs. • F, Sp • GE-IVA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 4

Theory and practical applications of basic acting skills through exercises, improvisation and scripted scenes.

THEA 151 Costume Shop Practicum

1 cr. • F, Sp • May be repeated for a maximum of 8 credits

A practical learning experience of the costume shop area of a theatrical shop.

THEA 152 Scenic Shop Practicum

1 cr. • F, Sp • May be repeated for a maximum of 8 credits

A practical learning experience of the production area of a theatrical shop.

THEA 153 Light/Sound Shop Practicum

1 cr. • F, Sp • May be repeated for a maximum of 8 credits

A practical learning experience of the production area of a theatrical shop.

THEA 170 Acting-Minor Roles/Chorus

1 cr. • F, Sp • AC • May be repeated for a maximum of 8 credits • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

Participation in theatrical productions.

THEA 171 Assistant Stage Manager

1 cr. • F, Sp • AC • May be repeated for a maximum of 8 credits • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

Participation in theatrical productions.

THEA 172 Scenic Construction Crew

1 cr. • F, Sp • AC • May be repeated for a maximum of 8 credits • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

Participation in theatrical productions.

THEA 173 Light/Sound Board Operator

1 cr. • F, Sp • AC • May be repeated for a maximum of 8 credits • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

Participation in theatrical productions.

THEA 174 Costume Crew

1 cr. • F, Sp • AC • May be repeated for a maximum of 8 credits • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

Participation in theatrical productions.

THEA 175 Stage/Properties Crew

1 cr. • F, Sp • AC • May be repeated for a maximum of 8 credits • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

Participation in theatrical productions.

THEA 176 Makeup Crew

1 cr. • F, Sp • AC • May be repeated for a maximum of 8 credits • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

Participation in theatrical productions.

THEA 177 Publicity Crew

1 cr. • F, Sp • AC • May be repeated for a maximum of 8 credits • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

Participation in theatrical productions.

THEA 178 Electrics Crew

1 cr. • F, Sp • AC • May be repeated for a maximum of 8 credits • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

Participation in theatrical productions.

THEA 179 Special Effects/Sound Facilitator

1 cr. • F, Sp • AC • May be repeated for a maximum of 8 credits • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

Participation in theatrical productions.

THEA 220 Stage Makeup

3 crs. • F even years

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

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.

THEA 221 Introduction to Design

3 crs. • F, Sp • P: THEA 121

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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 THEA 121.

THEA 227 American Musical Theatre

3 crs. • GE-IVA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

The history and development of contemporary musical theatre, including the study of major productions and collaborators.

THEA 228 Costuming

3 crs. • F odd years • GE-IVA

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

A lecture/laboratory course in the fundamentals of costuming for the stage, including interdisciplinary study of Western costume history, principles of costume design, and basic costume construction/sewing techniques.

THEA 239 Stage Movement

3 crs. • Sp even years

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 4

Introduction to basics of stage movement aimed primarily at developing skill and expressiveness in acting. Follows an active, learning-through-participation approach.

THEA 271 Stage Management

3 crs. • Sp even years • P: THEA 121, THEA 130.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An introduction to the preparation and practice of stage and production management.

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 321 Scenic Design

3 crs. • Sp odd years • P: THEA 121 and 125 or consent of instructor.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

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.

THEA 325 Theatre History and Literature

3 crs. • F odd years • GE-IVA • P: THEA 125

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study and discussion of major dramatic works and their production from early plays to the mid-nineteenth century, with special focus on the Greeks, Elizabethans, and Restoration drama.

THEA 327 Lighting Design

3 crs. • Sp even years • P: THEA 121 and 125 or consent of instructor.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

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.

THEA 330 Advanced Acting

3 crs. • P: THEA 130

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

Continuation of acting skills. Emphasis on student projects which require advanced techniques in performance: rhythms and musical comedy. Makeup labs.

THEA 331 Styles in Acting

3 crs. • P: THEA 130

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 4

Continuation of acting skills. Emphasis on in-class scene work, script and character analysis, externalization.

THEA 332 Directing

3 crs. • F • P: THEA 121 and 130.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

Principles and fundamentals of stage directing including analysis, staging and rehearsal techniques with emphasis on laboratory scene work.

THEA 335 Drama in Education

3 crs. • F • GE-IVA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

THEA 336 Theatre for Youth

3 crs. • Sp • GE-IVA

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A critical and historical survey of dramatic literature for children and youth.

THEA 351 Advanced Costume Shop Practicum

1 cr. • F, Sp • May be repeated for a maximum of 8 credits • P: THEA 151 • Instructor Consent Required

Advanced practical learning experience of a theatrical shop. Students will be expected to use shop skills learned in THEA 151 to work in a specific shop area or special project.

THEA 352 Advanced Scenic Shop Practicum

1 cr. • F, Sp • May be repeated for a maximum of 8 credits • P: THEA 152 • Instructor Consent Required

Advanced practical learning experience of a theatrical shop. Students will be expected to use shop skills learned in THEA 152 to work in a specific shop area or special project.

THEA 353 Advanced Light/Sound Shop Practicum

1 cr. • F, Sp • May be repeated for a maximum of 8 credits • P: THEA 153 • Instructor Consent Required

Advanced practical learning experience of a theatrical shop. Students will be expected to use shop skills learned in THEA 153 to work in a specific shop area or special project.

THEA 361 Teaching Theatre Arts

2 crs. • F • P: Completion of or concurrent enrollment in ES 312, 318 and 328. Limited to teaching majors admitted to COEHS. Minimum resident and total GPA of 2.75.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Credit may be earned in only one of the following: ES 361, THEA 361, ES 360, THEA 360.

A study and analysis of current materials including textbooks, assessment tools, and teaching styles. Preparation for play production, classroom units, and advocacy tools.

THEA 370 Acting-Major Roles

1 cr. • F, Sp • AC • May be repeated for a maximum of 8 credits • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

Participation in theatrical productions.

THEA 371 Stage Manager/Assistant Director/Assistant Choreographer

1 cr. • F, Sp • AC • May be repeated for a maximum of 8 credits • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

Participation in theatrical productions.

THEA 372 Assistant Scenic Design/Assistant Technical Direction

1 cr. • F, Sp • AC • May be repeated for a maximum of 8 credits • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

Participation in theatrical productions.

THEA 373 Assistant Lighting Design

1 cr. • F, Sp • AC • May be repeated for a maximum of 8 credits • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

Participation in theatrical productions.

THEA 374 Assistant Costume Design/Shop Supervisor

1 cr. • F, Sp • AC • May be repeated for a maximum of 8 credits • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

Participation in theatrical productions.

THEA 375 Properties Design

1 cr. • F, Sp • AC • May be repeated for a maximum of 8 credits • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

Participation in theatrical productions.

THEA 376 Makeup Design

1 cr. • F, Sp • AC • May be repeated for a maximum of 8 credits • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

Participation in theatrical productions.

THEA 377 Publicity/Program Design

1 cr. • F, Sp • AC • May be repeated for a maximum of 8 credits • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

Participation in theatrical productions.

THEA 378 Master Electrician

1 cr. • F, Sp • AC • May be repeated for a maximum of 8 credits • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

Participation in theatrical productions.

THEA 379 House Manager

1 cr. • F, Sp • AC • May be repeated for a maximum of 8 credits • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

Participation in theatrical productions.

THEA 395 Directed Studies

1-3 crs. • May be repeated • Department Consent Required

Studies of topics in problems in Theatre Arts or Interpretation. Focus of course is different each time it is offered.

THEA 399 Independent Study - Juniors

1-3 crs. • May be repeated • P: Minimum junior standing. • Department Consent Required

THEA 414/614 Playwriting

3 crs. • F odd years • P: Six credits in theatre at the 300 level or higher.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Practical experience in dramatic writing. Emphasis on creating characters, building plots, and constructing dialogue.

MUSIC AND THEATRE ARTS

THEA 421 Touring Theatre

3 crs. • *May be repeated for a maximum of 6 credits* • P: THEA 121 and 130. • *Instructor Consent Required*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 5

The rehearsal, production, and tour of a theatre for youth production for area elementary or secondary schools.

THEA 422 Play Production: Technical

3 crs. • *May be repeated for a maximum of 12 credits* • P: THEA 121 and 125 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

Contemporary trends in staging and the production problems arising from new types of stages and plays written for conventional stage.

THEA 425/625 Modern Drama and Theatre

3 crs. • Sp • GE-IVA • P: THEA 125

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Development of the modern theatre from Ibsen to the present. Includes treatment of drama and theatre architecture of the period.

THEA 432/632 Advanced Directing

3 crs. • Sp • P: Grade of at least B- in THEA 332 or consent of instructor.

Lecture/Discussion Hours: 4.5 | Lab/Studio Hours: 0

The director's role in the production process and in creating a style for the production is examined. Exploration of the director's role in communication with designers and staff culminates in the production of a play.

THEA 434/634 Theatre Arts Management

3 crs. • P: THEA 125 or junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

THEA 490/690 Theatre Arts Seminar

1-3 crs. • *May be repeated for a maximum of 6 credits*

• 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."

THEA 498/698 Theatre Arts Internship

3 crs. • SL-Full; IN • *May be repeated for a maximum of 6 credits* • P: Minimum of 18 theatre credits completed, including THEA 121, THEA 125 and THEA 130. Limited to theater arts majors and minors. Minimum junior standing. Minimum resident and total GPA of 3.00. • *Instructor Consent Required*

Opportunity for active involvement and learning in an off-campus producing theatre. Internship opportunities in management, costuming, and other theatre-oriented areas, subject to availability and in cooperation with faculty supervisor.

THEA 499 Independent Study - Seniors

1-3 crs. • *May be repeated* • P: Minimum senior standing. • *Department Consent Required*

DNCE

DNCE 101 Dance Appreciation

3 crs. • F • GE-IVA • P: No credit if taken after KINS 195.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An introduction to the intellectual frameworks for viewing, creating, and performing dances. An overview of historically significant dance forms, the cultural differences in world dance, and the purpose of dance in society.

DNCE 110 Ballet I

1 cr. • *May be repeated for a maximum of 2 credits*

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

An introduction to ballet technique with an emphasis on barre and center work. An overview of the history of ballet and the basic elements of choreography and performance.

DNCE 112 Modern Dance I

1 cr. • *May be repeated for a maximum of 2 credits* • P: No credit if taken after KINS 200.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

A course in beginning modern technique with an emphasis on Bartenief Fundamentals. A survey of the prime movers in modern dance and their choreographic approaches.

DNCE 114 Jazz Dance I

1 cr. • *May be repeated for a maximum of 2 credits* • P: No credit if taken after KINS 202.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

A course in beginning jazz technique with an emphasis on classical Afro-European forms. A survey of early jazz choreographers and their choreographic styles.

DNCE 116 Tap Dance I

1 cr. • *May be repeated for a maximum of 2 credits* • P: No credit if taken after KINS 203.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

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.

DNCE 310 Ballet II

1 cr. • *May be repeated for a maximum of 2 credits* • P: DNCE 110 or audition. No credit if taken after KINS 206. • *Instructor Consent Required*

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

A course in advanced ballet technique with an emphasis on connecting movements. A further survey of historically significant ballets and their choreographic conventions.

DNCE 312 Modern Dance II

1 cr. • *May be repeated for a maximum of 2 credits* • P: DNCE 112 or audition. No credit if taken after KINS 205. • *Instructor Consent Required*

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

A course in advanced modern technique with emphases on falls, recovery, and elevations. A survey of post-modern and avante garde choreographers and choreographic approaches.

DNCE 314 Jazz Dance II

1 cr. • *May be repeated for a maximum of 2 credits* • P: DNCE 114 or audition. No credit if taken after KINS 207. • *Instructor Consent Required*

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

A course in advanced jazz technique with an emphasis on turns, jumps, and dance sequences. An exploration of later stylistic developments in jazz dance.

DNCE 316 Tap Dance II

1 cr. • *May be repeated for a maximum of 2 credits* • P: DNCE 116 or audition. No credit if taken after KINS 209. • *Instructor Consent Required*

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

A course in intermediate/advanced tap technique with an emphasis on rhythm tap. An exploration of stylistic developments in tap dance.

DNCE 395 Directed Studies

1-3 crs. • F, Sp • *May be repeated* • No Auditors • P: DNCE 110, 112, 114, 116. Minimum junior standing. • *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.

DNCE 420 Dance Composition and Performance

3 crs. • Sp • P: DNCE 110, 112, 114, 116. No credit if taken after KINS 319. Minimum junior standing. • *Instructor Consent Required*

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

A course for serious students of dance exploring compositional forms, elements of choreography and artistic design, staging, accompaniment, and the rehearsal and promotion of dance.

DNCE 497 Dance Recital

1 cr. • F, Sp • CP • P: DNCE 420. Limited to dance minors. • *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.

DNCE 499 Independent Study

1-3 crs. • F, Sp • *May be repeated* • No Auditors • P: DNCE 110, 112, 114, 116. Minimum junior standing. • *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.



Philosophy and Religious Studies

HIBBARD HUMANITIES HALL 632

(715) 836-2545

<http://www.uwec.edu/philrel/index.htm>

SCOTT LOWE, CHAIR

EDWARD BEACH, CHARLENE BURNS, STEVEN FINK, ROBERT GREENE, KATHRYN KENNEDY, SEAN MCALEER, MATTHEW MEYER, JONATHAN PARADISE, KRISTIN SCHAUPP, STEVE SPINA, MARTIN WEBB, BRIAN WOODCOCK.

Student Organizations:

The Philosophical Association of Eau Claire (The Philosophy Club)

Talisman Society (The Religious Studies Club)

Theta Alpha Kappa (Honor Society in Religious Studies)

Philosophy is the disciplined and critical inquiry into fundamental questions of human existence: What is the nature of reality? What is knowledge? Does God exist? Is my will free? What is the difference between right and wrong? What is the relation between the mind and the body? What is the meaning of life?, etc. Philosophers use reason and argument in the attempt to answer these questions. Philosophy is at the very heart of a liberal education. Students of philosophy learn to think critically and clearly, argue forcefully, and read carefully. They also learn how the history of philosophy has shaped modern thought and culture. A major in philosophy is excellent preparation for advanced study in a wide range of fields, including law. A minor in philosophy will enrich and complement any major field of study.

Religious Studies is the multi-disciplinary exploration of the phenomena of human experience commonly called "religious." This includes study of the genesis and interpretation of religious texts; the formation, history, beliefs, and practices of religious communities and traditions; the role of religion in society and culture; issues in religion and science, including the psychology of religious experience; religion in literature and the arts; religious morality; philosophy of religion. The academic study of religion provides an excellent "window" into other cultures, while enhancing students' understanding of their own society and its history. A degree in Religious Studies provides an excellent foundation for a wide range of careers as well as preparing students for demanding graduate programs.

MAJOR: PHILOSOPHY,

Liberal Arts (Code 400-200)

Thirty-six semester credits, including:

Eighteen credits from core courses:

Phil 235	Ancient Philosophy
Phil 250	Symbolic Logic
Phil 316	Metaphysics <i>or</i>
Phil 317	Epistemology
Phil 331	Philosophical Ethics
Phil 335	Seventeenth and Eighteenth Century Philosophy
Phil 485	Seminar in Problems of Philosophy

Eighteen elective credits to be selected from philosophy courses with the following restraints and exceptions:

1. Phil 101 and Phil 120 are disallowed for major credit if taken after the student has earned nine credits in philosophy.
2. No more than three credits of Phil 397 and Phil 498 are allowed toward the major.
3. Upon approval of the department up to six credits from courses other than philosophy may be applied to the major.

Capstone: All philosophy majors shall complete a capstone experience, comprising three components: a capstone essay, a colloquium presentation, and a reflection paper, usually during the senior year. The capstone

essay component of this requirement will be fulfilled by the satisfactory completion of a research project, usually in the seminar course. The student and faculty supervisor together will determine what steps are necessary to bring the capstone essay to successful completion. The presentation component will be fulfilled by presenting the completed work at a colloquium open to the university community and public. The reflection component will be fulfilled by writing a short paper in which the student analyzes and reflects on his or her learning experiences as a philosophy major in light of the baccalaureate goals.

Honors Program in Philosophy and Religious Studies

The Honors Program in Philosophy and Religious studies enables outstanding students to engage in challenging Honors coursework and creative Honors research experiences.

Eligibility: Admission is by departmental invitation to students who have demonstrated excellent intellectual potential. To be considered, students must have a minimum 3.5 GPA in the major and in all university coursework.

Requirements: 1) Complete with distinction two courses at the 300-level or above as Honors Options courses or complete comparable honors option experiences. An Honors Option course can be any upper-level offering—including a directed studies or independent studies course—in which a student chooses to do honors work. Substantial student-faculty research collaboration will also meet this requirement.

2) Complete an Honors Capstone Thesis as the outcome of the departmental seminar — either Phil 485 (Seminar in Problems in Philosophy) or Rels 490 (Seminar in Religious Studies) — or an appropriately crafted Independent Study project as an Honors Option course.

3) Present the thesis research at a suitable local, regional, or national venue.

MINOR: PHILOSOPHY,

Liberal Arts (Code 400-400)

Twenty-four semester credits, including:

At least three credits from each of the following three categories, for a total of nine credits:

Logic:

Phil 150	Logic and Critical Thinking
Phil 250	Symbolic Logic

History of Philosophy:

Phil 235	Ancient Philosophy
Phil 236	Medieval and Renaissance Philosophy
Phil 335	Seventeenth and Eighteenth Century Philosophy
Phil 336	Kant
Phil 338	Nineteenth Century Philosophy
Phil 339	Contemporary Continental Philosophy
Phil 340	Contemporary Anglo-American Philosophy

Core Areas:

Phil 316	Metaphysics
Phil 317	Epistemology
Phil 331	Philosophical Ethics

The remaining fifteen credits will be selected from philosophy courses with the following restraints and exceptions:

1. Phil 101 and Phil 120 are disallowed for minor credit if taken after the student has earned nine credits in philosophy.
2. No more than three credits of Phil 397 and Phil 498 are allowed toward the minor.
3. Upon approval of the department, up to six credits from courses other than philosophy may be applied to the minor.

PHILOSOPHY AND RELIGIOUS STUDIES

MAJOR: RELIGIOUS STUDIES,

Liberal Arts (Code 411-201)

Thirty-six semester credits, including:

Rels 100, Introduction to the Religions of the World, or Rels 210, Religion and Morality (to be taken by all majors/minors before the completion of six credits of Religious Studies coursework).

Capstone: Three credits to be taken in junior or senior year.

Prior approval of the chair required for capstone course designation. Select from Rels/Phil 450; Rels 470, 490, or 491. Other upper-level courses also may be considered. Students must submit a major paper produced for the course in order to fulfill the capstone requirement. (Publication of an article in the student journal *Prism* as well as appropriate research projects may also satisfy the capstone requirement.)

Western Religions

A minimum of nine credits from:

Rels 230	Old Testament/Hebrew Bible
Rels 240	New Testament
Rels 303	Early Christianity
Rels 304	Modern Christianity
Rels 307	Judaism
Rels 309	Islam

Non-Western Religions

A minimum of nine credits from:

Rels 312	Buddhism: Past and Present
Rels 314	Hinduism
Rels 323	Chinese and Japanese Religions
Rels/Phil 326	Asian Religious Philosophies
Rels/AIS 330	Indigenous Religions of the Americas

Critical and Thematic Approaches to Religions

The remaining coursework may be taken from the two previous categories and any of the courses listed below:

Rels/Wmns 203	Women and World Religions
Rels 210	Religion and Morality
Rels 290	Sacred Earth: Religion and Nature
Rels 291	Special Topics
Rels 315	Psychology of Religion
Rels 333	New Religious Movements
Rels 334	Music in Judaism, Christianity, and Islam
Rels 348	Religious Themes in Literature
Rels 350	Modern Religious Thought
Rels/Wmns 353	Emancipating Eve and Adam: The Women's Movement in Religion
Rels 378	The Holocaust, 1933-45
Rels 390	Religion in America
Rels 395	Directed Studies
Rels 396*	Research Apprenticeship in Religious Studies
Rels 397*	Student Academic Apprenticeship in Religious Studies
Rels/Phil 450	Critiques of God
Rels 470	The Problem of Evil
Rels 490	Seminar in Religious Studies
Rels 491	Special Topics
Rels 498*	Internship in Religious Studies
Phil/Rels 345	Philosophy of Religion

*A maximum of six credits may be earned from any combination of Rels 396, 397, and 498, with a maximum of three credits from any one of them counted toward the major.

MINOR: RELIGIOUS STUDIES,

Liberal Arts (Code 411-401)

Twenty-four semester credits, including:

Rels 100, Introduction to the Religions of the World, or Rels 210, Religion and Morality (to be taken by all majors and minors before the completion of six credits of Religious Studies coursework).

Topical/seminar course: Three credits taken in junior or senior year. Select from Rels/Phil 450; Rels 470, 490, or 491. Other upper-level courses also may be considered if given prior approval by the chair.

Western Religions

A minimum of six credits from:

Rels 230	Old Testament/Hebrew Bible
Rels 240	New Testament
Rels 303	Early Christianity
Rels 304	Modern Christianity
Rels 307	Judaism
Rels 309	Islam

Non-Western Religions

A minimum of six credits from:

Rels 312	Buddhism: Past and Present
Rels 314	Hinduism
Rels 323	Chinese and Japanese Religions
Rels/Phil 326	Asian Religious Philosophies
Rels/AIS 330	Indigenous Religions of the Americas

Critical and Thematic Approaches to Religions

The remaining coursework may be taken from the two previous categories and any of the courses listed below.

Rels/Wmns 203	Women and World Religions
Rels 210	Religion and Morality
Rels 290	Sacred Earth: Religion and Nature
Rels 291	Special Topics
Rels 315	Psychology of Religion
Rels 333	New Religious Movements
Rels 334	Music in Judaism, Christianity, and Islam
Rels 348	Religious Themes in Literature
Rels 350	Modern Religious Thought
Rels/Wmns 353	Emancipating Eve and Adam: The Women's Movement in Religion
Rels 378	The Holocaust, 1933-45
Rels 390	Religion in America
Rels 395	Directed Studies
Rels 396*	Research Apprenticeship in Religious Studies
Rels 397*	Student Academic Apprenticeship in Religious Studies
Rels/Phil 450	Critiques of God
Rels 470	The Problem of Evil
Rels 490	Seminar in Religious Studies
Rels 491	Special Topics
Rels 498*	Internship in Religious Studies
Phil/Rels 345	Philosophy of Religion

*A maximum of three credits may be earned from any combination of Rels 396, 397, and 498.

PHIL

PHIL 101 Basic Philosophical Issues

3 crs. • F, Sp • GE-IVB

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A survey of fundamental problems of philosophy, such as free will, mind and body, knowledge and skepticism, the self, reason and faith, the origin and purpose of government, and the nature of morality.

PHIL 120 Ethical Reasoning

3 crs. • F, Sp • GE-IVB • P: No credit if taken after PHIL 220.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PHIL 150 Logic and Critical Thinking

3 crs. • GE-IB • P: No credit if taken after PHIL 250.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PHIL 235 Ancient Philosophy

3 crs. • F even years • GE-IVB

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

History of philosophy from the early Greeks through Plotinus, stressing the contributions of Socrates, Plato, and Aristotle.

PHIL 236 Medieval and Renaissance Philosophy

3 crs. • GE-IVB

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A survey of the development of western philosophical thought from the fourth century A.D. through the sixteenth century, with particular emphasis on the writings of Augustine, Bonaventure, Aquinas, and Duns Scotus.

PHIL 250 Symbolic Logic

3 crs. • F even years • GE-IB

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Introduction to formal logic. Sentential logic, quantificational logic, and other selected topics. Slightly more formal and covers more areas than Phil 150.

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. • V • GE-IVB • A-F Grades Only • P: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies degree.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PHIL 305 Ethics and Business

3 crs. • GE-IVB

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Major theories of corporate responsibility and their relationships to the personal and social dimensions of business life.

PHIL 306/506 Ethics of Health Care

3 crs. • Sp • GE-IVB

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PHIL 308 Ethics in Computing and Engineering

3 crs. • F, Sp • GE-IVB

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PHIL 310 Philosophy of Law

3 crs. • F, Sp • GE-IVB

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Introduces major theories and arguments concerning the nature of law and the relationship between law and justice. Topics include legal positivism, natural law, punishment, causation, liability, abortion, and the death penalty.

PHIL 316 Metaphysics

3 crs. • Sp odd years • GE-IVB • P: One course in philosophy or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PHIL 317 Epistemology

3 crs. • Sp even years • GE-IVB • P: One course in philosophy or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PHIL 320 Environmental Ethics

3 crs. • GE-IVB • P: BIOL 180, or GEOG 178, or GEOL 115, or ECON 268; or one course in philosophy or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Introduces major theoretical approaches to ethical and policy questions concerning environmental issues such as population growth, famine, non-human animals, atmospheric conditions, hazardous waste, preservation of species, pollution, pesticides, and nuclear power.

PHIL 321 Philosophy of Logic

3 crs. • P: PHIL 250 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An examination of the foundations of logical systems. Topics include the relationship between artificial and natural languages; the Formalists' notion of logical system; the attempts to define "validity," "deductive completeness," and "consistency," and the legitimacy of nonstandard logics.

PHIL 322 Philosophy of Language

3 crs. • GE-IVB • P: At least one course in philosophy or ENGL 221 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Philosophic investigation into the structure and function of language, with emphasis on discursive meaning.

PHIL 325 Aesthetics

3 crs. • GE-IVB

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Acquaints students with some of the more fruitful philosophic investigations concerning the creative process, the work of art, the relationship between art and society.

PHIL 326 Asian Religious Philosophies

3 crs. • GE-IVB • P: RELS 312, 314, or 323; or one course in philosophy or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

PHIL 328 Philosophy and Film

3 crs. • GE-IVB • P: One course in philosophy or consent of instructor.

Lecture/Discussion Hours: 2.5 | Lab/Studio Hours: 2

An examination of ethical, aesthetic and existential issues involved in both popular and documentary films. The perspectives examined will include feminist and multicultural approaches.

PHIL 331 Philosophical Ethics

3 crs. • Sp even years • GE-IVB • P: One course in philosophy or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An advanced introduction to ethical theory addressing the nature of moral language, objectivity, relativism, theories of value and right action, and feminist critiques of traditional ethics. Emphasizes twentieth century ethics, with some historical coverage.

PHIL 332 Philosophical Perspectives on Friendship

3 crs. • GE-IVB • P: One course in philosophy or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PHIL 335 Seventeenth and Eighteenth Century Philosophy

3 crs. • F odd years • GE-IVB • P: One course in philosophy or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

The history of philosophy from Descartes to Hume. Examines proposals by leading philosophers regarding the foundations of scientific, moral, religious, and political beliefs.

PHILOSOPHY AND RELIGIOUS STUDIES

PHIL 336 Kant

3 crs. • GE-IVB • P: One course in philosophy or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An introduction to the philosophy of Immanuel Kant, focusing on his arguments and philosophical influences. Topics include Kant's metaphysics, epistemology, ethics, and aesthetics.

PHIL 338 Nineteenth Century Philosophy

3 crs. • GE-IVB • P: One course in philosophy or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

History of philosophy during the nineteenth century, stressing German Idealism, Marxism, Pragmatism, and the beginnings of Existentialism.

PHIL 339 Contemporary Continental Philosophy

3 crs. • GE-IVB • P: One course in philosophy or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PHIL 340 Contemporary Anglo-American Philosophy

3 crs. • GE-IVB • P: One course in philosophy or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PHIL 343 Philosophy of Mind

3 crs. • GE-IVB • P: One course in philosophy or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PHIL 345/545 Philosophy of Religion

3 crs. • GE-IVB • P: One course in philosophy or consent of instructor or RELS 210, 315, 350, 470; or RELS/WMNS 353; or RELS/PHIL 450.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

PHIL 355 Philosophy of Science

3 crs. • GE-IVB • P: One course in biology, chemistry, geology, physics, physical geography; or one course in philosophy or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PHIL 365 Existentialism

3 crs. • FC; GE-IVB • P: One course in philosophy or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Central ideas in existential thought. Leading existentialist thinkers including Nietzsche, Heidegger, Sartre, Camus, deBeauvoir, and the phenomenologist Husserl.

PHIL 371 Postmodernism

3 crs. • FC; GE-IVB • P: One course in philosophy or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Introduction to diverse philosophical attempts to define and/or diagnose the "postmodern condition" as a characterization of contemporary culture. Topics include the status of subjectivity, the question of technology, literature, art and the avant-garde, media/image culture, the politics of postmodernism, and postfeminism.

PHIL 377 Philosophy and Feminism

3 crs. • GE-IVB • P: One course in philosophy or women's studies.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both PHIL 377 and WMNS 377.

A study of recent trends in feminist philosophy with emphasis upon feminist thinking in the areas of ethics, social philosophy, and theory of knowledge.

PHIL 395/595 Directed Studies

1-3 crs. • May be repeated • P: Minimum sophomore standing. • 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.

PHIL 396 Research Apprenticeship in Philosophy

1-3 crs. • May be repeated for a maximum of 6 credits • P: One course in philosophy or consent of instructor. • Department Consent Required

Qualified students, recruited and closely supervised by an instructor, engage in a research project with the faculty member.

PHIL 397 Student Academic Apprenticeship in Philosophy

1-3 crs. • SL-Optional/Half • May be repeated for a maximum of 6 credits • P: Limited to philosophy majors and minors. Minimum junior standing. • 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.

PHIL 399 Independent Study - Juniors

1-3 crs. • May be repeated • P: Minimum junior standing. • Department Consent Required

PHIL 450 Critiques of God

3 crs. • GE-IVB • P: One course in philosophy or religious studies, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both PHIL 450 and RELS 450.

Criticisms and objections to the concept of a Supreme Being, leading either to atheism, to radically unconventional forms of theism, or to non-theistic religions. Movement, systems of thought, and major thinkers who for various reasons have challenged or rejected the traditional idea of God.

PHIL 485 Seminar in Problems of Philosophy

3 crs. • F • May be repeated • P: Limited to philosophy majors and minors. Minimum junior standing. Other majors and minors will be permitted with consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PHIL 498 Internship in Philosophy

1-3 crs. • SL-Half; IN • May be repeated for a maximum of 3 credits • S/U Only Grade Basis • P: Limited to philosophy majors and minors. Minimum sophomore standing. • 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.

PHIL 499 Independent Study - Seniors

1-3 crs. • May be repeated • P: Minimum senior standing. • Department Consent Required

RELS

RELS 100 Introduction to the Religions of the World

3 crs. • E, Sp • FC; CD1; GE-IVB

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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).

RELS 110 Basic Issues in Religion

3 crs. • E, Sp • FC; GE-IVB

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

RELS 203 Women and World Religions

3 crs. • FC; CD1; GE-IVB

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both RELS 203 and WMNS 203. No credit if taken after ANTH 354 or RELS 354.

Surveys women's religious lives historically and cross-culturally, focusing on pre-patriarchal religions and non-Western traditions. Attention will be given to goddesses in world religions. The course will end with feminist issues in world religions.

RELS 210 Religion and Morality

3 crs. • FC; GE-IVB

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Relations between religious meanings and moral values among majority and minority religions of Eastern and Western cultures.

RELS 230 Old Testament/Hebrew Bible

3 crs. • GE-IVB

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Scriptural heritage from ancient Israel which has profoundly influenced Western civilization; the resources of recent Biblical studies are utilized.

RELS 240 New Testament3 crs. • GE-IVB • P: *One course in religious studies.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A unified study of the New Testament from historical, theological, and literary perspectives. Contributions of recent Biblical scholarship included.

RELS 290 Sacred Earth: Religion and Nature

3 crs. • FC; CD1; GE-IVB

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

RELS 291 Special Topics

1-3 crs.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Topics, issues, literature, or movements not typically covered in regular religious study courses and of special interest to students and faculty.

RELS 303 Early Christianity3 crs. • GE-IVB • P: *One course in religious studies or philosophy.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Principal ideas, movements, and persons in the development of Christianity from the New Testament Church to the Reformation.

RELS 304 Modern Christianity3 crs. • GE-IVB • P: *One course in religious studies or philosophy.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Principal ideas, movements, and persons in the development of Christianity from the Reformation to the twenty-first century.

RELS 307/507 Judaism

3 crs. • GE-IVB

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Judaism from its earliest times to the twenty-first century, including its history, literature, and lifestyles.

RELS 309 Islam3 crs. • FC; GE-IVB • P: *One course in religious studies.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Introduction to the main elements of Islam, through study of its history, the role of Muhammad, the Koran, basic beliefs and observances, the dynamics of the movement, and its current world status and influence.

RELS 312 Buddhism: Past and Present3 crs. • FC; GE-IVB • P: *One course in religious studies or philosophy.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

RELS 314 Hinduism3 crs. • FC; GE-IVB • P: *One course in religious studies or philosophy.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A survey of aspects of Hinduism utilizing secondary and primary sources. The Upanishads, Yoga, Tantrism, village and temple Hinduism. Emphasis on philosophical developments and life-styles.

RELS 315 Psychology of Religion3 crs. • GE-IVB • P: *One course in religious studies or philosophy.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An examination of the human experience, using languages of psychology and religion to understand what religion means.

RELS 323 Chinese and Japanese Religions3 crs. • FC; GE-IVB • P: *One course in religious studies or philosophy. No credit if taken after RELS 317, RELS 319 and/or RELS 320.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

RELS 326 Asian Religious Philosophies3 crs. • GE-IVB • P: *RELS 312, 314, or 323; or one course in philosophy or consent of instructor.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

RELS 330 Indigenous Religions of the Americas3 crs. • FC; CD2; GE-IVB • P: *One course in RELS, PHIL, AIS, LAS, or consent of instructor.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

RELS 333 New Religious Movements3 crs. • FC; GE-IVB; *Field Trip(s) Required* • P: *One course in religious studies.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An exploration of New Religious Movements in the U.S. and internationally.

RELS 334 Music in Judaism, Christianity and Islam3 crs. • Sp • GE-IVB • P: *One course in religious studies.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

RELS 345/545 Philosophy of Religion3 crs. • GE-IVB • P: *One course in philosophy or consent of instructor; or RELS 210, 315, 350, 470; or RELS/WMNS 353; or RELS/PHIL 450.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

RELS 348 Religious Themes in Literature

3 crs. • CD1; GE-IVB

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

RELS 350 Modern Religious Thought3 crs. • FC; GE-IVB • P: *One course in religious studies or philosophy.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Major thinkers and ideas that have influenced modern religious thought, both Eastern and Western, from the nineteenth century to the present time.

RELS 353 Emancipating Eve and Adam: The Women's Movement in Religion3 crs. • GE-IVB • P: *One course in religious studies or in women's studies.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both RELS 353 and WMNS 353.

Study of the treatment of women throughout history in Jewish and Christian religions. In-depth discussions of both current women's movement transforming those religions and proposed alternatives to those traditions.

RELS 378 The Holocaust, 1933-1945

3 crs. • GE-IVB

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

The destruction by the Nazis of Jewish life in Europe, with reference to its sociological and political dimensions.

RELS 390 Religion in America3 crs. • CD1; GE-IVB • P: *One course in religious studies.*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

RELS 395 Directed Studies1-3 crs. • *May be repeated* • P: *Minimum sophomore standing. • Department Consent Required*

Study of a particular problem or special area in the field of comparative religion studies.

PHILOSOPHY AND RELIGIOUS STUDIES

RELS 396 Research Apprenticeship in Religious Studies

1-3 crs. • May be repeated for a maximum of 6 credits • P: One course in religious studies. • Department Consent Required

Qualified students, recruited and closely supervised by an instructor, engage in a research project with the faculty member.

RELS 397 Student Academic Apprenticeship in Religious Studies

1-3 crs. • SL-Optional/Half • May be repeated for a maximum of 6 credits • P: One course in religious studies. • 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.

RELS 399 Independent Study - Juniors

1-3 crs. • May be repeated • P: Minimum junior standing. • Department Consent Required

RELS 450 Critiques of God

3 crs. • GE-IVB • P: One course in philosophy or religious studies, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both PHIL 450 and RELS 450.

Criticisms and objections to the concept of a Supreme Being, leading either to atheism or to non-theistic religions. Movements, systems of thought, and major thinkers who for various reasons have rejected the idea of a God.

RELS 470 The Problem of Evil

3 crs. • P: Two courses in religious studies. Limited to religious studies majors and minors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Exploration of the problem of evil for Eastern and Western religious thought. Theological, philosophical, psychological, and popular cultural explanations will be examined.

RELS 490 Seminar in Religious Studies

3 crs. • May be repeated • P: Limited to religious studies majors and minors. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

The content of the seminar is determined by the department in designating the instructor.

RELS 491 Special Topics

1-3 crs. • P: Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

RELS 498 Internship in Religious Studies

1-3 crs. • SL-Optional/Half; IN • May be repeated for a maximum of 3 credits • P: Limited to religious studies majors and minors. • 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.

RELS 499 Independent Study - Seniors

1-3 crs. • May be repeated • P: Minimum senior standing. • Department Consent Required



Physics and Astronomy

PHILLIPS 230

(715) 836-3148

<http://www.uwec.edu/physics/index.htm>

LYLE FORD, CHAIR

DOUGLAS DUNHAM, MATTHEW EVANS, JILL FERGUSON, J. ERIK HENDRICKSON, JIN HUANG, LAUREN LIKKEL, THOMAS LOCKHART, NATHAN MILLER, KIM PIERSON, ELISHA POLOMSKI, GEORGE STECHER, JOHN STUPAK, PAUL THOMAS, SCOTT WHITFIELD.

Physics, the science of matter and energy, is the study of the deepest mysteries of our universe, ranging from subatomic particles to cosmology. Exploring ideas of space, time, matter, energy, and radiation, it serves as the basis for the physical sciences. Modern society is influenced by physics in countless ways, including recent developments in such fields as laser optics, miniaturized electronics, nuclear energy, and medical instrumentation.

Beyond the earth, astronomy applies the ideas of physics to the study of planets, stars, galaxies and all celestial phenomena within reach of our telescopes. Since the two areas share a vast array of common ideas and knowledge, new discoveries in physics often aid progress in astronomy and vice versa.

Special learning opportunities associated with the department include the Materials Science Center (www.uwec.edu/matsci/index.htm), the L.E. Phillips Planetarium (www.uwec.edu/planetarium), and Hobbs Observatory at the Beaver Creek Reserve (www.beavercreekreserve.org).

MAJOR: PHYSICS, Liberal Arts

Liberal Arts Emphasis (Code 230-201)

The Liberal Arts emphasis is the traditional physics major, providing preparation for graduate school as well as a broad range of careers in business and industry following completion of the baccalaureate degree. The Liberal Arts Emphasis requires 36 credits of physics coursework including Physics 231, 232, 332, 333, 350, either 340 or 360, 365, 386, 486; Math 312; and CS 163 or 170 (it is strongly recommended that CS 163 or 170 be completed within the first three semesters). The remaining Physics credits are to be selected from: (a) any physics course above 325 (including Phys/Msci 338), and (b) up to four credits from Phys/Msci 301-307 and Msci 355. Chemistry (Chem 115 or 103 and 104) is strongly recommended.

NOTE 1: An approved capstone project must be completed prior to Phys 486 (see Phys 486 course description for details).

NOTE 2: A maximum of six credits of any combination of Phys 392, 399, 491, and 499 can be counted toward the major.

Applied Physics Emphasis (Code 230-203)

This emphasis focuses on physics applications of relevance to industrial and engineering employment environments following completion of the baccalaureate degree. The Applied Physics Emphasis requires 36 credits of physics coursework including Phys 231, 232, 332, 340, 350, 360, either 255 and 356 or 365 or 375, 386, 430, 486; Math 312, 345; CS 163 (it is strongly recommended that CS 163 be completed within the first three semesters); Chem 115 (or both 103 and 104); and Engl 305 or 308. The remaining Physics credits are to be selected from: (a) any physics course above 325 (including Phys/Msci 338), and (b) up to four credits from Phys/Msci 301-307 and Msci 355.

NOTE 1: An approved capstone project must be completed prior to Phys 486 (see Phys 486 course description for details).

NOTE 2: A maximum of six credits of any combination of Phys 392, 399, 491, and 499 can be counted toward the major.

Dual Degree Engineering Emphasis (Code 230-206)

This emphasis combines the benefits of a traditional physics degree with those of a formal engineering education. In this program students receive a UW-Eau Claire physics degree in conjunction with a bachelor's degree in engineering from either UW-Madison or the University of Minnesota-Twin Cities. The Dual Degree Engineering Emphasis requires 36 credits of physics coursework including Phys 231, 232, 332, 340, 350, and either 365 or both Phys 255 and 356 (option depends on engineering program). The remaining Physics credits are to be selected

from any physics course above 325 (including Phys/Msci 338). However, up to four of the remaining credits can be selected from Phys/Msci 301-307 and Msci 355. Math 312 and one computer science course (CS 163, 170, or an adviser approved course appropriate for the engineering program) are also required. To receive the UW-Eau Claire Dual Degree Engineering Emphasis physics degree the student must complete an engineering degree from one of the above schools. Students will typically complete most of the UW-Eau Claire General Education and Dual Degree physics requirements while at UW-Eau Claire before transferring to the engineering school. Students must complete 84 semester credits before transferring to the engineering school, 56 of which must be taken in residency at UW-Eau Claire, with a minimum of 12 upper-division credits of physics and a minimum of six credits of mathematics taken at UW-Eau Claire.

NOTE 1: The UW-Eau Claire physics degree will not be awarded until an official copy of the student's engineering degree has been sent to UW-Eau Claire's Registrar's Office. If the engineering degree is not completed, then students must satisfy all of the requirements for another degree program at UW-Eau Claire.

NOTE 2: A maximum of six credits of any combination of Phys 392, 399, 491, and 499 can be counted toward the major.

MAJOR: PHYSICS, Teaching (Code 230-205)

Thirty-six semester credits of Physics, including Phys 231, 232, 332, 340, 350, and at least 15 credits selected from Phys 226, 229, or any physics course numbered above 325. Chem 103, 104, and Math 114, 215, 216 are also required. This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Physics in Early Adolescence through Adolescence classrooms. It is often combined with a mathematics or chemistry teaching minor.

NOTE 1: Completion of the following requirements and ES 367 may be used in lieu of a minor and adds Broadfield Science licensure to the teaching major:

A. At least 14 credits from one of the following areas: (1) Biol 110, 111, 151, 211; (2) Chem 103 and 104, or 115; additional courses selected from 213, 218, 325; (3) one of Geol 106, 110, 115, or 118; Geog 104 or 340 or 361; Phys 226; additional courses from Geol 102, 301, 303, 308; Phys 229; Geog 200, 304, 340, 361.

B. Eight credits in each of the two areas not selected in A above: (1) Biol 100, 151; (2) Chem 103 or 115, plus 104 or 150; (3) one of Geol 106, 110, 115, 118, or Geog 104; and Phys 226 or 229.

Note 2: A maximum of six credits of any combination of Phys 392, 399, 491, and 499 can be counted toward the major.

COMPREHENSIVE MAJOR: PHYSICAL SCIENCE,

Teaching (Code 240-004)

See Interdisciplinary Majors.

COMPREHENSIVE MAJOR: PHYSICS-MATHEMATICS,

Teaching

See Interdisciplinary Majors.

MINOR: PHYSICS, Liberal Arts (Code 230-401)

Twenty-four semester credits of Physics including Phys 231, 232, and 332 and 11 or more credits selected from any Physics courses except 100, 211, and 212. Math 215 is also required. It is recommended that students minoring in physics consult the chair of the Department of Physics and Astronomy while planning a program.

MINOR: PHYSICS, Teaching (Code 230-403)

Twenty-four semester credits of Physics, including Phys 231, 232, 332, 350, and at least seven credits selected from Phys 226, 229, or any physics course numbered above 325. Math 114, 215 and eight credits from one of the following fields—Biology, Chemistry, or Geology—are also required. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Physics in Early Adolescence through Adolescence classrooms.

DEPARTMENTAL HONORS IN PHYSICS

Departmental Honors is a way for a student to experience the thrill of innovative research and discovery in an area of interest within Physics & Astronomy. One of the most significant benefits of Departmental Honors is that it fosters one-on-one interaction between students and professors, which substantially enhances a student's educational experience and

serves as a springboard for excellence in graduate studies or professional employment after graduation.

Eligibility: Complete Phys 332 and maintain both a resident GPA and a major GPA of at least 3.50.

Procedure: A written application for Departmental Honors in Physics & Astronomy must be approved by the student's academic adviser, the student's project adviser, and the chair of the Physics & Astronomy Department.

Requirements:

1. Complete the required courses for one of the three emphases for the Liberal Arts major in Physics.
2. Complete two courses selected from among Phys 367, 375, 430, 445, 465, and 475.
3. Complete a significant scholarly activity and disseminate the results of the activity by completing a written research paper and presenting at an appropriate on-campus or off-campus venue (Physics Thursday, Research Day, Provost's Honors Symposium, etc.) or making a presentation at a professional meeting or publishing an article in a professional journal. The quality of the activity and dissemination will be evaluated by a three-member faculty panel. Upon approval by the panel, the student will receive the designation of Departmental Honors in Physics & Astronomy on his/her official transcript and a special notation in the graduation ceremony program.

CERTIFICATE PROGRAM

The **LabVIEW Certificate Program** provides UW-Eau Claire students and engineers in local and regional industry with an in-depth understanding of the computer interfacing and data acquisition software package called LabVIEW. LabVIEW has become an industry standard in this technical area. LabVIEW provides an extensive environment in which a scientist or engineer can accomplish a variety of instrument control, data collection and data processing tasks. The UW-Eau Claire LabVIEW Certificate program has also been designed to provide students with the skills and experiences required to pass the first two levels of professional LabVIEW programming certification offered by National Instruments, which is required for many industry positions that involve LabVIEW programming.

To be admitted to the program, UW-Eau Claire students must have completed Phys 232 with a grade of C or better and be currently enrolled in Phys 350. Special students must have completed at least 8 credits of electrical engineering coursework equivalent to that in Phys 350 and Phys 360.

Thirteen credits are required for certificate program completion and are drawn from the following course work:

- Phys 350 Electric and Electronic Circuits
- Phys 360 Electronics
- Phys 361/561 LabVIEW Basics
- Phys 362/562 LabVIEW Applications
- Phys 363/563 LabVIEW cRIO

The academic goals of the LabVIEW Certificate Program are: (1) to provide students with a working knowledge of electronics which they will get from Phys 350 and Phys 360; (2) an understanding of the basics of computer interfacing principles which they get from Phys 360 and the three LabVIEW courses; (3) an in-depth knowledge of the LabVIEW programming environment which they get from the three LabVIEW courses; (4) an introduction to Field Programmable Gate Arrays (a revolutionary new technology) which they get from the last LabVIEW cRIO course.

In order to earn the LabVIEW certificate, students must earn a C+ or above in all certificate courses with a cumulative GPA of 2.5 or higher in the certificate courses.

For advising or to record completion of the certificate, see Professor K. Pierson (P-235), Physics and Astronomy.

PHYS

PHYS 100 Physical Science

4 crs. • E, Sp, Su • GE-IIIE; LS • P: No credit if taken after PHYS 110, 111, 211 or 231. Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2
A conceptual study of physics using ideas of force and energy to understand motion, properties of matter, sound, light, and electricity and magnetism.

PHYSICS AND ASTRONOMY

PHYS 115 Survey of Astronomy

3 crs. • F, Wi, Sp, Su • GE-IIIE • P: No credit if taken after PHYS 226 or PHYS 229. Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PHYS 205 Physics of Renewable Energy

4 crs. • F, Sp • GE-IIIE; LS • A-F Grades Only

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

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.

PHYS 211 General Physics

5 crs. • F, Sp, Su • GE-IIIE; LS • P: No credit if taken after PHYS 231.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 2

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 operations is expected.

PHYS 212 General Physics

4 crs. • F, Sp • GE-IIIE; LS • P: PHYS 211. No credit if taken after PHYS 232.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

A continuation of Physics 211 including topics in optics, electricity, magnetism, and modern physics.

PHYS 226 Astronomy-Solar System

4 crs. • F • GE-IIIE; LS

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

• 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.

PHYS 229 Astronomy-Stars and Galaxies

4 crs. • Sp • GE-IIIE; LS • P: Three years of high school mathematics assumed. PHYS 226 is not a prerequisite. Some night observing required.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

• 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.

PHYS 231 University Physics I

5 crs. • F, Sp • GE-IIIE; LS • P: MATH 114 or concurrent registration.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 2

Physics for science and engineering students, including the study of mechanics, simple harmonic motion, and wave motion.

PHYS 232 University Physics II

5 crs. • F, Sp • GE-IIIE; LS • P: PHYS 231; MATH 215 or concurrent registration.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 2

A continuation of Physics 231, including the study of electricity, magnetism, and optics.

PHYS 255 Statics

3 crs. • F • P: PHYS 231 and MATH 215 or concurrent registration.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Designed primarily for pre-engineering students. Includes static equilibrium of rigid bodies, centroids, analysis of structures, friction, and moments of inertia.

PHYS 281 Topics in Physics

3 crs. • V • GE-IIIE

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Topics in physics and astronomy investigated at a level suitable for nonscience majors, as well as science majors.

PHYS 291 Special Topics

1-3 crs. • V

Content will be determined by the interests of students and faculty. May contain lecture or lab.

PHYS 301 Introduction to Materials Characterization: Scanning Electron Microscopy

1 cr. • V • P: PHYS 211 or 231, and one science course that counts toward a science major.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• Credit may not be earned in both PHYS 301 and MSCI 301.

Current theories and methods in scanning electron microscopy and energy dispersive x-ray spectroscopy. Preparation of samples, operation of scanning electron microscopes and data analysis.

PHYS 302 Introduction to Materials Characterization: X-ray

Photoelectron Spectroscopy

1 cr. • V • P: PHYS 211 or 231, and one science course that counts toward a science major.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• Credit may not be earned in both PHYS 302 and MSCI 302.

Current theories and methods in x-ray photoelectrons spectroscopy. Sample preparation, operation and data analysis.

PHYS 303 Introduction to Materials Characterization: X-ray Diffraction

1 cr. • V • P: PHYS 211 or 231, and one science course that counts toward a science major.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• Credit may not be earned in both PHYS 303 and MSCI 303.

Current theories and methods in x-ray diffraction. Sample preparation, operation and data analysis.

PHYS 304 Introduction to Materials Characterization: Atomic Force Microscopy

1 cr. • V • P: PHYS 211 or 231, and one science course that counts toward a science major.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• Credit may not be earned in both PHYS 304 and MSCI 304.

Current theories and methods in atomic force microscopy. Sample preparation, operation of atomic force microscope and data analysis.

PHYS 305 Introduction to Materials Characterization: X-ray Fluorescence

1 cr. • V • P: PHYS 211 or 231, and one science course that counts toward a science major.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• Credit may not be earned in both PHYS 305 and MSCI 305.

Current theories and methods in x-ray fluorescence spectroscopy. Preparation of samples, operation of x-ray spectrometers and data analysis.

PHYS 306 Introduction to Materials Characterization: Transmission Electron Microscopy

1 cr. • V • P: PHYS 211 or 231; PHYS/MSCI 301 and 303.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• Credit may not be earned in both PHYS 306 and MSCI 306.

Current theories and methods in transmission electron microscopy. Sample preparation, operation and data analysis.

PHYS 307 Introduction to Materials Characterization: Nanoindentation

1 cr. • V • P: PHYS 211 or 231, and one science course that counts toward a science major.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• Credit may not be earned in both PHYS 307 and MSCI 307.

Current theories and methods in nanoindentation analysis. Sample preparation, operation and data analysis.

PHYS 308 Science of Musical Sound

3 crs. • Sp • GE-IIIE

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PHYS 315 The Mysterious Universe

3 crs. • F, Wi, Sp, Su • GE-IIIE

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PHYS 332 University Physics III

3 crs. • F, Sp • P: PHYS 232 and MATH 215.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Physics for science and engineering students, including the study of fluids, heat, thermodynamics, relativity, and an introduction to modern physics.

PHYS 333 Quantum Physics

3 crs. • Sp • P: PHYS 332 and MATH 216.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PHYS 338 Physics of Solids

4 crs. • Sp • P: PHYS 332 or MSCI 300.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

• Credit may not be earned in both MSCI 338 and PHYS 338.

Crystallography, diffraction, electron and phonon transport. Semiconductors and optical properties of crystalline materials, interaction of light with crystalline and non-crystalline matter, including photovoltaics, LEDs, non-linear optics, solid-state lasing, and fiberoptic materials.

PHYS 340 Optics

4 crs. • Sp • P: PHYS 232 and MATH 215.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 3

Lecture and laboratory work cover geometrical and physical optics, image formation, optical instruments, interference, diffraction, polarization, and modern topics including lasers.

PHYS 350 Electric and Electronic Circuits

4 crs. • F • P: MATH 215 and grade of C or above in PHYS 232.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 3

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.

PHYS 356 Dynamics

3 crs. • Sp • A-F Grades Only • P: 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.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A continuation of PHYS 255. Dynamics of rigid bodies, moments of inertia, work, energy, impulse, and momentum.

PHYS 360 Electronics

4 crs. • Sp • P: PHYS 350 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 3

Description, analysis, and laboratory measurements of digital and analog devices including transistor amplifiers, operational amplifiers, oscillators, gates, flip-flops, analog-digital converters, and microprocessors.

PHYS 361/561 LabVIEW Basics

2 crs. • F • A-F Grades Only • P: PHYS 350 or take PHYS 350 concurrently with PHYS 361. • Instructor Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• 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.

PHYS 362/562 LabVIEW Applications

2 crs. • Sp • P: PHYS 361 LabVIEW Basics • Instructor Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• 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.

PHYS 363/563 LabVIEW cRIO

1 cr. • Sp • P: PHYS 362 LabVIEW Applications • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

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.

PHYS 365 Theoretical Mechanics

4 crs. • F • P: MATH 216, and a grade of C or above in PHYS 231. Credit may not be earned in both PHYS 356 and PHYS 365.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

Newton's laws, accelerated frames, central-force orbits, angular momentum of systems, coupled oscillations, generalized coordinates, and Lagrange's equations.

PHYS 367 Astrophysics

3 crs. • F odd years • P: PHYS 332

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PHYS 375 Electromagnetic Fields

4 crs. • Sp • P: PHYS 332, MATH 216, and MATH 311 or MATH 312.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

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.

PHYS 386 Intermediate Seminar

.5 cr. • F • A-F Grades Only • P: PHYS 232. Limited to physics liberal arts majors, liberal arts emphasis; and physics liberal arts majors, applied physics emphasis.

Lecture/Discussion Hours: .5 | Lab/Studio Hours: 0

Students will explore avenues for obtaining an internship, discuss plans for participating in the required research project, attend the weekly Physics Seminar, assist the department in assessing the major, and participate in post-graduate planning.

PHYS 392 Current Topics in the Physics

1 cr. • F, Sp • A-F Grades Only • P: PHYS 332. Limited to physics liberal arts majors.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

Each student will choose a topic for investigation using articles in the physics literature. The class will discuss and critique each individual's project during class meetings. All students will write final summary papers.

PHYS 399 Independent Study - Juniors

1-3 crs. • V • May be repeated • P: Minimum junior standing. • Department Consent Required

PHYS 430 Advanced Laboratory Techniques

2 crs. • F • P: Two courses from PHYS 340, 350, 360.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 4

Laboratory course for students with special interests in experimental physics. The emphasis is on widely applicable modern experimental methods.

PHYS 440 Digital Image Processing

3 crs. • Sp even years • P: MATH 215

Lecture/Discussion Hours: 2.5 | Lab/Studio Hours: 0.5

• 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.

PHYS 445 Thermal Physics

4 crs. • F even years • P: PHYS 332, PHYS 333, and MATH 216. No credit if taken after PHYS 334 and PHYS 435.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

Statistical mechanics and thermodynamics including the laws of classical thermodynamics, equations of state, thermodynamical processes, and applications to classical and quantum mechanical systems.

PHYS 465 Quantum Mechanics

3 crs. • Sp • P: PHYS 333, PHYS 365, and MATH 311 or MATH 312.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A continuation of PHYS 333, including Dirac notation, operator methods, one dimensional potentials, spin and angular momentum, and the philosophical interpretation of quantum mechanics.

PHYS 475 Mathematical Methods in Physics

3 crs. • V • P: PHYS 365 and MATH 311 or 312; or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An introduction to the mathematical methods in physics with emphasis on applications in classical mechanics, quantum mechanics, and electrodynamics.

PHYS 486 Senior Seminar

.5 cr. • F • P: PHYS 386. Limited to physics liberal arts majors, liberal arts emphasis; and physics liberal arts majors, applied physics emphasis. • Department Consent Required

Lecture/Discussion Hours: .5 | Lab/Studio Hours: 0

• 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.

PHYS 491 Special Topics

1-3 crs. • V • May be repeated for a maximum of 6 credits • P: PHYS 333 and 365.

Content will be determined by the interests of students and faculty. Possible topics include astrophysics and solid state physics.

PHYS 495 Directed Study

1-3 crs. • V • May be repeated for a maximum of 6 credits • P: PHYS 332; 2.75 GPA in physics. Limited to physics majors and minors. • 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.

PHYS 499 Independent Study - Seniors

1-3 crs. • V • May be repeated • P: Minimum senior standing. • Department Consent Required

Political Science

SCHNEIDER SOCIAL SCIENCE 200A

(715) 836-5744

<http://www.uwec.edu/polsci/index.htm>

GEOFFREY PETERSON, CHAIR

ALI ABOOTALEBI, RANDALL BEGER, JOHN EVANS, MICHAEL FINE, RODD FREITAG, MARGARET GILKISON, OBIKA GRAY, STEPHEN HILL, STEVEN MAJSTOROVIC, PETER MYERS, JUSTIN PATCHIN, JASON SPRAITZ, JAMES TUBBS.

Honor Societies and Student Organizations:

Pi Sigma Alpha, the national honor society, promotes student interest in political science and sponsors forums on current political topics and workshops on applying to and attending graduate school and law school. The honor society accepts qualified students each fall and spring semester for membership, based on political science coursework and academic standing. Contact the faculty adviser in the department for further details.

Model United Nations Club (MUNC) is a student organization whose primary purpose is to educate its members and the student body about the United Nations and its activities. The organization is open to all students interested in global affairs and the UN. MUNC members attend two United Nations mock conferences each year and participate in a number of other group activities.

Pre-Law Club is a student organization whose primary purpose is to inform its members of the various aspects of the legal profession. The organization is open to all students from various academic majors who are considering attending law school and share an interest in the legal profession. The organization sponsors speakers from various law-related occupations, organizes trips to law schools and law school fairs, and provides practice tests for the Law School Admission Test.

The Society of Politics is open to all students with an interest in politics and political science. The Society functions as both a social and professional organization for students to help them make connections and broaden the scope of their political knowledge. The Society hosts several events during the year, including a fall picnic, roundtables, and forums for the students and political science faculty to meet and discuss important issues.

Political Science examines various systems of government within and among nation-states and the principles on which they are based. It familiarizes the student with political concepts and issues, their historical backgrounds, and their relevance to the cultural systems in which they arise. The study of political science provides methods for analyzing political issues and the policies designed to address them.

Information for Political Science Majors and Minors. Political Science courses at the 200-level and above are classified into the following four course groupings:

1. American Politics: Pols 301, 305, 338, 339, 341, 342, 343, 344, 345, 346, 348, 350, 353, 403, 404, 405; Pols/AIS 250, Pols/Wmns 351.
2. International Relations: Pols 325, 330, 331, 332, 334, 335, 336.
3. Comparative Government: Pols 260, 265, 321, 322, 323, 324, 327, 390; Pols/LAS 319, 320.
4. Political Theory: (a) Traditional Thought: Pols 309, 310, 311; (b) Other: Pols 312, 314.

NOTE: All majors should take Pols 290 before taking any 300-level courses.

COMPREHENSIVE MAJOR: POLITICAL SCIENCE, Liberal Arts

A comprehensive major in Political Science combines political science with courses in other disciplines. Students choose either the Legal Studies emphasis or the World Politics emphasis.

Legal Studies Emphasis (Code 420-001)

The Legal Studies emphasis provides an emphasis in legal studies for those students interested in law school, paralegal studies, and law and society.

Sixty semester credits, including:	<u>Credits</u>
Required political science credits:	24
Pols 110, 122, 290, 338, 403, 404, 405, 480	
Elective political science credits, including:	21
One course in International Relations.	
Two courses in Comparative Government (one must be at the 300 level or higher).	
Two courses in Political Theory from the following: Pols 310, 311, 312.	
Two additional courses in political science from the four course groupings (200 level or higher).	
Elective courses from other disciplines selected from the following list:	15
Acct 201, 202; Anth 422; CJ 202, 414; Crmj 319, 342; Econ 103, 104, 303, 304, 311, 316, 321; Engl 201; Hist 114, 115; Phil 120, 150, 310.	

World Politics Emphasis (Code 420-002)

The World Politics emphasis provides an emphasis for students interested in graduate work or employment in world affairs, international relations, and comparative government.

Sixty semester credits, including political science courses (18 required credits) Pols 110, 122, 290, 334, 335, 480.

Elective political science courses (27 credits): (1) one 300-level or higher course in American Politics, (2) in addition to Pols 334 and 335, two courses in International Relations, (3) four courses in Comparative Government, (4) two courses, at least one from Traditional Thought, in Political Theory.

Elective courses from other disciplines (15 credits), with no more than six credits from any one prefix: (1) Anth 315, 345, 351, 355, 356; (2) CJ 319; (3) Econ 341, 351, 353, 355; Econ/LAS 356; (4) Engl 130, 230, 330; (5) Foreign Language courses at the 201 level or higher; (6) Geog 301, 308, 319, 321, 378, 446; (7) Hist/LAS 309, 311; Hist 324, 326, 360, 362, 366, 371, 375, 379, 383, 387, 388, 389; (8) Musi 225; (9) Rels 307, 309, 312, 314, 323, 326, 378.

MAJOR: POLITICAL SCIENCE,

Liberal Arts (Code 420-201)

Thirty-six semester credits, including Pols 110, 122, 290, 480, and at least two courses in each of the four course groupings defined above. At least one theory course must be selected from Traditional Thought (4a of Information for Political Science Majors and Minors), and one comparative course must be taken at the 300 level.

MAJOR: POLITICAL SCIENCE,

Teaching (Code 420-203)

Thirty-six semester credits, including Pols 110, 122, 260, 290, 301, 305, 312, 480; two courses at the 300 level or above in American politics, one course at the 200 level or higher in international relations, and one course at the 200 level or higher in comparative government. This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Political Science in Early Adolescence through Adolescence classrooms.

MINOR: POLITICAL SCIENCE,

Liberal Arts (Code 420-401)

Twenty-four semester credits including Pols 110, 122, and at least one course at the 300-400 level in each of the four course groupings defined above. At least 18 credits must be taken at the 200 level or above.

MINOR: POLITICAL SCIENCE,

Teaching (Code 420-403)

Twenty-four semester credits including Pols 110, 122, 260, 301, 305, 312; one course at the 300 level or above in American politics, one course

at the 200 level or above in the International Relations or Comparative Government. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Political Science in Early Adolescence through Adolescence classrooms.

DEPARTMENTAL HONORS PROGRAM IN POLITICAL SCIENCE

Eligibility: Majors with resident and total GPAs of 3.50 or higher overall and in Political Science, and the consent of the department. Senior standing is required. By the end of the second semester of the junior year, students must notify the department of their intent to seek departmental honors.

Requirements: Comprehensive written examination taken at the end of the first semester of the senior year; senior thesis written during the second semester of the senior year. Students must register for Pols 496, Honors Independent Reading (3 crs.), during the semester that they write the thesis.

CERTIFICATE PROGRAMS

The **Certificate in Campaign Consulting** is designed for the student seeking an opportunity to learn the skills of campaign organization and management. Students develop campaigning skills including organization of workers, marketing of candidates, issue development, use of media, and campaign finance. The certificate in Campaign Consulting is the only university course of study providing training and experience in local elections.

Currently enrolled degree-seeking students who have applied to the department for the certificate and are in good standing in the University are eligible to complete a certificate in Campaign Consulting. In order to earn a certificate in Campaign Consulting, the student must earn a C+ or above in all certificate courses with a cumulative GPA of 2.50 or higher in the certificate courses.

Students are required to earn a total of 18 credits toward the certificate. Required courses (12 credits) include:

- Pols 110 American National Politics
- Pols 341 Political Parties, Elections, and Voting
- Pols 342 Public Opinion and Political Behavior
- Pols 498 Internship (campaign related) (3 crs.)

The remaining six credits are to be selected from:

- Pols 301 State and Local Politics
- Pols 339 Legislative Politics
- Pols 343 Public Administration
- Pols 344 Media and Politics
- Pols 348 The Presidency
- Pols 350 Group and Minority Politics
- Pols 498 Internship (campaign related) (additional 3 crs.)

All of these courses are regularly offered in the department.

Students seeking a certificate in Campaign Consulting must meet with the department chair and will be assigned a certificate adviser within the Department of Political Science.

The **Certificate in International Affairs** is designed for those students interested in global awareness, cultural and political diversity, and economic globalization. A certificate in International Affairs will indicate that a student has undergraduate level awareness of global concepts, basic issues, terminology, structures, and perspectives. The certificate in International Affairs provides knowledge and skills that will help prepare students for employment in a global political economy as well as familiarize them with specializations, concepts, jargon, and methods for graduate concentrations in various aspects of world politics.

Currently enrolled degree-seeking students are eligible to complete a certificate in International Affairs. Students in the comprehensive political science major with a World Politics emphasis are NOT eligible for this certificate. In order to earn a certificate in International Affairs, the student must earn a C+ or above in all certificate courses with a cumulative GPA of 2.50 or higher in the certificate courses.

Students are required to earn a total of 18 credits toward the certificate. Required courses (12 crs) include:

- Pols 122 Introduction to World Politics
- Pols 331 International Organization and Law
- Pols 334 International Political Economy
- Pols 335 International Relations Theory

The remaining six credits are to be selected from:

- Pols/LAS 319 Politics of Latin America
- Pols/LAS 320 Caribbean Politics
- Pols 321 Politics of the Middle East
- Pols 322 Politics of Russia
- Pols 323 Politics of Eastern Europe
- Pols 324 Politics of Asia
- Pols 327 Politics of Continental Europe
- Pols 330 U.S. Foreign Policy
- Pols 332 International Conflict
- Pols 336 Arab-Israeli Conflict
- Pols 390 Culture and Politics

Students are strongly encouraged to take only one course from a geographic or cultural region. All of these courses are regularly offered in the department.

Students seeking a certificate in International Affairs must meet with the department chair and will be assigned an adviser within the Department of Political Science.

The **Certificate in Legal Studies** is designed for those students interested in law school or paralegal work who have a strong interest in providing evidence of coursework in law. Students will be given the opportunity to concentrate coursework in legal studies, develop skill in preparing legal briefs, and develop skill in participating in Socratic dialogue as practiced in law schools and other arenas that teach law. The certificate in Legal Studies provides a liberal arts approach to the study of law and is not intended to provide the kind of clerical training associated with some paralegal training.

Currently enrolled degree-seeking students are eligible to complete a certificate in Legal Studies. Students in the comprehensive political science major with a Legal Studies emphasis are NOT eligible for this certificate. In order to earn a certificate in Legal Studies, the student must earn a C+ or above in all certificate courses with a cumulative GPA of 2.50 or higher in the certificate courses.

Students are required to earn a total of 18 credits toward the certificate. Required courses (12 crs) include:

- Pols 110 American National Politics
- Pols 338 Judicial Politics
- Pols 403 Powers of Government
- Pols 404 Civil Liberties and Equal Protection

The remaining six credits are to be selected from:

- Pols 305 U.S. Constitutional Principles (take before Pols 403, 404)
- Pols 331 International Organization and Law
- Pols 339 Legislative Politics
- Pols 405 Due Process and Criminal Law
- Pols 498 Internship (provided it is with a law firm or local government office)

Junior standing and Pols 110, American National Politics, are prerequisites for 400-level classes. All of these courses are regularly offered in the department.

POLITICAL SCIENCE

Students seeking a certificate in Legal Studies must meet with the department chair and will be assigned a pre-law adviser within the Department of Political Science.

POLS

POLS 102 Introduction to Politics

3 crs. • F, Sp • GE-IIIID

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A general introduction to basic concepts and approaches to the study of politics and contemporary political issues and problems.

POLS 110 American National Politics

3 crs. • F, Sp • GE-IIIID

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

POLS 121 The Politics of Global Cultural Relations

3 crs. • F • FC; GE-IIIID

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Introductory course on the impact of clashing cultural orientations and competing belief systems on international affairs. Examines how cultural forces transform power and social interaction, and influence and shape world politics.

POLS 122 Introduction to World Politics

3 crs. • F, Sp • GE-IIIID

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

POLS 250 American Indian Politics

3 crs. • V • CD3; GE-IIIID

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

POLS 260 Introduction to Comparative Politics

3 crs. • F • FC; GE-IIIID

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A comparative analysis of the political systems of Great Britain, France, Germany, Japan, and Russia.

POLS 265 Problems of the Developing Nations

3 crs. • F, Sp • FC; GE-IIIID

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A critical examination of developmental concepts, socioeconomic and political problems of the Third World; elite groups, political ideologies, cohesive and divisive forces influencing development.

POLS 290 Introduction to Political Analysis

3 crs. • F, Sp • P: POLS 110 or consent of instructor. Limited to political science majors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

POLS 291 Special Topics - Political Problems

1-3 crs. • V

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 301/501 State and Local Politics

3 crs. • F, Sp • GE-IIIID • P: POLS 110 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A critical examination of federalism, localism, intergovernmental finance, intergovernmental relations, state and local institutions, and state and local elections.

POLS 305 Survey of U.S. Constitutional Principles

3 crs. • F, Sp • GE-IIIID • P: No credit if taken after POLS 403 or 404.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Analysis of the powers of governments in the U.S. and rights of individuals.

POLS 309/509 Classical Political Thought

3 crs. • F • GE-IIIID • P: Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study of major political thinkers from the ancient and medieval periods, with emphasis on Plato and Aristotle.

POLS 310 Modern Political Thought

3 crs. • Sp • GE-IIIID • P: Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study of major political thinkers from the Renaissance to the French Revolution.

POLS 311 Contemporary Political Thought

3 crs. • F • GE-IIIID • P: Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A study of major political thinkers from the French Revolution to the present day, with emphasis on the philosophical roots of twentieth century ideologies.

POLS 312 American Political Thought

3 crs. • F, Sp • CD1; GE-IIIID

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

The intellectual roots of American Politics, with emphasis on the Revolutionaries, particularly Jefferson; The Federalist; Tocqueville's Democracy in America; and Lincoln.

POLS 314/514 The Idea of Tolerance in the Western Political Tradition

3 crs. • V • GE-IIIID

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

POLS 319 Politics of Latin America

3 crs. • Sp • FC; GE-IIIID

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

POLS 320 Caribbean Politics

3 crs. • F • FC; GE-IIIID • P: One course in POLS or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both POLS 320 and LAS 320.

The dynamics of Anglo-phone and Hispanic Caribbean politics from Colonial rule to the present. Major topics include: colonialism; patterns of decolonization; post-colonial state power; the status of women; and recent trends in structures of dependency and popular resistance.

POLS 321/521 Politics of the Middle East

3 crs. • F • FC; GE-IIIID

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

POLS 322/522 Politics of Russia

3 crs. • F even years • FC; GE-IIIID • P: One course in POLS or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

POLS 323/523 Politics of Eastern Europe

3 crs. • V • FC; GE-IIIID • P: One course in POLS or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

POLS 324/524 Politics of Asia

3 crs. • F odd years • FC; GE-IIIID • P: One course in POLS or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

This course addresses the institutional, historical, economic, international, and cultural dimensions of Asian politics. The political systems examined from a comparative perspective are China, Japan, India, and Malaysia with democratic development as the organizing theme.

POLS 325/525 Model United Nations

3 crs. • F • GE-IIIID

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

POLS 327 Politics of Continental Europe

3 crs. • Sp • FC; GE-IIIID • P: POLS 102 or 110 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An examination of the similarities and differences of political patterns in France and Germany, focusing on political culture, socialization, parties, leaders, and institutions. Examination of current issues related to Western Europe.

POLS 330/530 U.S. Foreign Policy

3 crs. • Sp • GE-IIIID • P: POLS 122 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

POLS 331 International Organization and Law

3 crs. • Sp • GE-IIIID • P: POLS 122 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An analysis of the historical and current patterns and theoretical concepts and theories relevant to the organization of global affairs.

POLS 332/532 International Conflict

3 crs. • Sp • GE-IIIID • P: POLS 122 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

POLS 334/534 International Political Economy

3 crs. • Sp • GE-IIIID • P: POLS 122 or ECON 103 or ECON 104 or ECON 201 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

POLS 335 International Relations Theory

3 crs. • F • GE-IIIID • P: POLS 122 or consent of instructor. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

POLS 336/536 Arab-Israeli Conflict

3 crs. • V • FC; GE-IIIID

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

POLS 338 Judicial Politics

3 crs. • F, Sp • GE-IIIID

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A study of the judicial system and judicial policy-making, emphasizing the U.S. Supreme Court and lower federal judiciary.

POLS 339 Legislative Politics

3 crs. • F • GE-IIIID • P: One course in POLS or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Examines representation and lawmaking in the U.S. Congress and state legislatures. Topics include the role of constituents, interest groups, money, campaigns and elections, committees, parties, leadership, the legislative process, and legislative reform.

POLS 341 Political Parties, Elections, and Voting

3 crs. • F even years • GE-IIIID; SL-Optional • P: One course in POLS or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

POLS 342 Public Opinion and Political Behavior

3 crs. • Sp odd years • CD1; GE-IIIID • P: One course in POLS or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

POLS 343 Public Administration

3 crs. • Sp odd years • GE-IIIID • P: POLS 110 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Analyzes organizational structure and administrative behavior in governmental agencies. Topics include leadership, control, decision-making, recruitment, communication, adaptation, and others.

POLS 344/544 Media and Politics

3 crs. • Sp even years • GE-IIIID • P: POLS 110 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

POLS 345/545 Film and Politics

3 crs. • V • GE-IIIID

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

POLS 346 Public Policy in the United States

3 crs. • F • GE-IIIID • P: One course in POLS or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

POLS 348 The Presidency

3 crs. • Sp even years • GE-IIIID • P: One course in POLS or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

The nature and extent of presidential power; the President's roles, functions and relations to various institutions, including the media, the bureaucracy, Congress, the courts, the public, interest groups, and elections.

POLS 350 Group and Minority Politics

3 crs. • Sp • CD3; GE-IIIID

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Examines the role, status, and experiences of minority groups within the American political system. Emphasis placed on an interest group perspective.

POLS 351/551 Women and Politics

3 crs. • Sp • GE-IIIID

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both POLS 351 and WMNS 351.

Analysis of women's roles and participation in politics: as citizens, voters, candidates, and officeholders. The impact of feminism and the women's movement on issues and policymaking.

POLS 353 Afro-American Politics

3 crs. • Sp • CD3; GE-IIIID

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

POLS 387 The Psychology of Public Opinion

3 crs. • V • GE-IIIID • A-F Grades Only • Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies degree.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

This course will look at ways in which individuals and groups form opinions on issues of relevance to themselves and their communities as well as examining the ways in which opinion can be measured and mis-measured.

POLS 390 Culture and Politics

3 crs. • Sp • FC; GE-IIIID

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

POLITICAL SCIENCE

POLS 395/595 Directed Studies

1-3 crs. • F, Sp, Su • May be repeated • Department Consent Required
Study of a political problem or topic.

POLS 397 Student Academic Apprenticeship in Political Science

1-6 crs. • F, Sp • SL-Full • May be repeated for a maximum of 6 credits • P: Grade of B+ or above in the assigned course. Minimum total GPA of 3.30. • 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.

POLS 399 Independent Study - Juniors

1-3 crs. • F, Sp, Su • May be repeated • P: Minimum junior standing. • Department Consent Required

POLS 403/603 U.S. Constitutional Principles - Powers of Government

3 crs. • F • GE-IIID • P: POLS 110 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

POLS 404/604 U.S. Constitutional Principles - Civil Liberties

3 crs. • Sp • GE-IIID • P: POLS 110 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

POLS 405/605 U.S. Constitutional Principles - Due Process and Criminal Law

3 crs. • F, Sp • GE-IIID • P: POLS 110 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

POLS 480 Political Science Capstone

3 crs. • F, Sp • CP • P: POLS 290. Limited to political science majors. Minimum senior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

POLS 491/691 Special Topics - Advanced Political Problems

1-3 crs. • V • May be repeated

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 496 Honors Independent Reading

2-3 crs. • F, Sp • May be repeated for a maximum of 8 credits • P: 3.50 GPA in political science courses or consent of instructor.

Independent reading and research in selected areas of political science.

POLS 498 Internship

1-6 crs. • F, Sp, Su • SL-Full; IN • May be repeated for a maximum of 6 credits • P: POLS 110 or consent of instructor. Limited to political science majors and minors and criminal justice majors. • 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.

POLS 499 Independent Study - Seniors

1-3 crs. • F, Sp, Su • May be repeated • P: Minimum senior standing. • Department Consent Required

Psychology

HIBBARD HUMANITIES HALL 277

(715) 836-5733

<http://www.uwec.edu/psyc/index.htm>

LORI BICA, CHAIR

MICHAEL AXELROD, STEVE BAUMGARDNER, TAMMY BEDNAR, JAMES BENNING, APRIL BLESKE-RECHEK, ANN COLLIER, MICKEY CROTHERS, PEGGY DANGERFIELD, JEFFREY GOODMAN, DAVID JEWETT, KEVIN KLATT, MARY BETH LEIBHAM, DAVID LELAND, JENNIFER MUEHLENKAMP, BLAINE PEDEN, ROBERT TOMLINSON, MARY BETH TUSING, CATYA VON KÁROLYI, SHARON WESTPHAL.

Psychology is the scientific investigation of mental processes (thinking, remembering, feeling, etc.) and behavior. Psychology lies in the center of the academic pursuits of the university because of its strong connections with other scholarly areas. Psychology is not only an academic discipline, but also a profession. There are both academic psychologists, who engage in teaching and research, and practicing psychologists, who apply psychological knowledge in clinics, businesses, and other settings.

Learning goals of the major and minor include:

Knowledge, Skills and Values Consistent with the Science and Application of Psychology

1. Knowledge Base of Psychology
2. Research Methods in Psychology
3. Critical Thinking Skills in Psychology
4. Application of Psychology
5. Values in Psychology

Knowledge, Skills and Values Consistent with Liberal Arts Education that are Further Developed in Psychology

6. Information and Technological Literacy
7. Communication Skills
8. Sociocultural and International Awareness
9. Personal Development
10. Career Planning and Development

Credit for Psyc 100, 230, and 260 can be awarded through CLEP examinations. Credit for Psyc 100 and 265 can be awarded through AP examinations.

MAJOR: PSYCHOLOGY, Liberal Arts

(Code 440-201)

The psychology major develops knowledge, skills, and values consistent with a liberal arts education. Recommended for students who are interested in pursuing advanced degrees in psychology or other related disciplines. Students who complete the major are also well prepared to pursue a variety of careers immediately following graduation.

Thirty-six semester credits, including:

- | | |
|-----|--|
| 100 | Introduction to Psychology |
| 101 | Psychology as a Discipline and a Profession |
| 265 | Statistical Methods in Psychology I |
| 271 | Methods of Research in Psychology |
| 400 | History and Systems of Psychology, <i>or</i> |
| 401 | Big Issues in Psychology |

At least one course in each of four core domains; at least two core domains must include an upper-division course for this requirement:

Biological

- | | |
|----------|---|
| Idis 125 | Brain: Introduction to Neuroscience, <i>or</i> |
| 372 | Individual Differences and Behavior Genetics, <i>or</i> |
| 373 | Evolutionary Psychology, <i>or</i> |
| 374 | Cognitive Neuroscience, <i>or</i> |
| 375 | Physiological Psychology, <i>or</i> |
| 376 | Psychology of Perception, <i>or</i> |
| 377 | Psychopharmacology |

Developmental

- 230 Human Development, *or*
 331 Child Psychology, *or*
 332 Psychology of Adolescence, *or*
 333 Psychology of Adulthood and Aging, *or*
 435 Theories and Research in Developmental Psychology

Learning and Cognition

- 260 Educational Psychology, *or*
 281 Introduction to Behavior Analysis and Therapy, *or*
 302 Principles of Learning, *or*
 379 Cognitive Psychology, *or*
 380 Introduction to Behavior Modification, *or*
 390 Advanced Applied Behavior Analysis, *or*
 412 Experimental Analysis of Behavior

Sociocultural

- 245 Social Psychology, *or*
 251 Abnormal Psychology, *or*
 334 Psychology of the Exceptional Child, *or*
 336/Wmns 336 Psychology of Women

Remaining credits to total 36 selected from any Psychology courses.

NOTE 1: At least 18 credits from 300- and 400-level courses are required for the major.

NOTE 2: A maximum of nine credits earned in Psyc 395, 396, 397, 399, and 499 may count toward the major.

NOTE 3: Completion of core domain requirements may be satisfied by enrollment in selected offerings of Psyc 395, 396, 399, 491, and 499 with departmental approval.

NOTE 4: No credit may be earned under the Satisfactory/Unsatisfactory option for any of the requirements listed above.

MAJOR: PSYCHOLOGY, Behavior Analysis, Liberal Arts (Code 440-202)
 Recommended for students who are interested in becoming a behavioral services provider for individuals afflicted with autism, developmental disabilities, head injuries, and substance-abuse disorders. Students who complete the major are eligible to take a national certification examination to acquire the credential *Associate Behavior Analyst*. This major also provides essential preparation for students who are interested in attending graduate school for more advanced training and a higher level of certification.

Thirty-six semester credits, including:

- 100 Introduction to Psychology
 101 Psychology as a Discipline and a Profession
 265 Statistical Methods in Psychology I
 271 Methods of Research in Psychology
 281 Introduction to Behavior Analysis and Therapy
 390 Advanced Applied Behavior Analysis
 400 History and Systems of Psychology, *or*
 401 Big Issues in Psychology
 412 Experimental Analysis of Behavior
 480 Internship in Applied Behavior Analysis I
 481 Internship in Applied Behavior Analysis II (3 credits)

Remaining credits to total 36 selected from any Psychology courses.

NOTE: No credit may be earned toward completion of the major under the Satisfactory/Unsatisfactory option.

MINOR: PSYCHOLOGY, Liberal Arts

(Code 440-401)

Twenty-four semester credits, including:

- 100 Introduction to Psychology
 101 Psychology as a Discipline and a Profession
 265 Statistical Methods in Psychology I
 271 Methods of Research in Psychology
 400 History and Systems of Psychology, *or*
 401 Big Issues in Psychology

At least one course in each of three core domains:

Biological

- Idis 125 Brain: Introduction to Neuroscience, *or*
 372 Individual Differences and Behavior Genetics, *or*
 373 Evolutionary Psychology, *or*
 374 *Cognitive Neuroscience*, *or*
 375 Physiological Psychology, *or*
 376 Psychology of Perception, *or*
 377 Psychopharmacology

Developmental

- 230 Human Development, *or*
 331 Child Psychology, *or*
 332 Psychology of Adolescence, *or*
 333 Psychology of Adulthood and Aging, *or*
 435 Theories and Research in Developmental Psychology

Learning and Cognition

- 260 Educational Psychology, *or*
 281 Introduction to Behavior Analysis and Therapy, *or*
 302 Principles of Learning, *or*
 379 Cognitive Psychology, *or*
 380 Introduction to Behavior Modification, *or*
 390 Advanced Applied Behavior Analysis, *or*
 412 Experimental Analysis of Behavior

Sociocultural

- 245 Social Psychology, *or*
 251 Abnormal Psychology, *or*
 334 Psychology of the Exceptional Child, *or*
 336/Wmns 336 Psychology of Women

Remaining credits to total 24 selected from any Psychology courses.

NOTE 1: Completion of core domain requirements may be satisfied by enrollment in selected offerings of Psyc 395, 396, 399, 491, and 499 with departmental approval.

NOTE 2: No credit may be earned under the Satisfactory/Unsatisfactory option for any of the requirements listed above.

PSYC**PSYC 100 Introduction to Psychology**

3 crs. • F, Sp • GE-IIIIE

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Human behavior, learning, thinking, motivation, perception, emotion, behavior disorders, personality, psychological tests, social behavior, and selected applications of psychology.

PSYC 101 Psychology as a Discipline and a Profession

1 cr. • F, Sp • P: Limited to psychology majors and minors.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2

• 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.

PSYC 230 Human Development

3 crs. • F, Sp • GE-IIIIE • P: PSYC 100, 260 or 261.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PSYC 245 Social Psychology

3 crs. • F, Sp • GE-IIIIE • P: PSYC 100

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PSYCHOLOGY

PSYC 251 Abnormal Psychology

3 crs. • F, Sp • P: PSYC 100. Credit may not be earned in both PSYC 251 and PSYC 350 or PSYC 351.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PSYC 260 Educational Psychology

3 crs. • F • GE-IIIIE • P: No credit if taken after or concurrently with PSYC 261. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PSYC 261 Psychological Development and Classroom Processes

4 crs. • F, Sp • GE-IIIIE • P: Grade of C or above in ENGL 110 or equivalent. No credit if taken after or concurrently with PSYC 260 or 231. Minimum sophomore standing.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

Educational implications and applications of psychological research and theories of development, learning, and teaching of school-age children.

PSYC 265 Statistical Methods in Psychology I

3 crs. • F, Sp • P: Psyc majors/minors: PSYC 100; C or above in MATH 104, 106, 108, 109, 111, 112, or 246, or suitable math placement test score. Non-psyc majors/minors: C or above in MATH 104, 106, 108, 109, 111, 112, or 246, or suitable math placement test score.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 1

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.

PSYC 271 Methods of Research in Psychology

4 crs. • F, Sp • P: PSYC 101 and 265. No credit if taken after PSYC 270.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

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.

PSYC 281 Introduction to Behavior Analysis and Therapy

3 crs. • F, Sp • GE-IIIIE • P: PSYC 100. No credit if taken after PSYC 302 or PSYC 380.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 1

Students acquire introductory skills in analyzing, understanding, and solving human and animal behavior problems. Methods for teaching, increasing, and decreasing behaviors are summarized.

PSYC 302 Principles of Learning

3 crs. • F, Sp • P: PSYC 271 for psychology majors and minors; PSYC 100 or 260 for non-psychology majors and minors.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 1

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.

PSYC 325/525 Theories of Counseling

3 crs. • F, Sp

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Established and developing perspectives on counseling theory and practice. Trait-factor, Psychoanalytic, Adlerian, Existential, Person-centered, Gestalt, Transactional Analysis, Behavioral, Rational-Emotive, Reality and Psychological approaches are presented and considered in depth.

PSYC 331 Child Psychology

3 crs. • F, Sp • GE-IIIIE • P: PSYC 100 or 260.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

The developing child from conception to puberty. Emphasizes biological influences on development, intelligence and thought, language, personality, social development.

PSYC 332 Psychology of Adolescence

3 crs. • F, Sp • GE-IIIIE • P: PSYC 100 or 260.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PSYC 333/533 Psychology of Adulthood and Aging

3 crs. • F • GE-IIIIE • P: Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PSYC 334/534 Psychology of the Exceptional Child

3 crs. • Sp • P: PSYC 100

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PSYC 336/536 Psychology of Women

3 crs. • F, Sp • CD1; GE-IIIIE • P: PSYC 100. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both PSYC 336 and WMNS 336.

Advanced undergraduate/graduate seminar designed to examine how both traditional and feminist psychological theories and research apply to women's lives. Topics include sexuality, violence, gender roles, work, relationships, body image, reproduction, motherhood, and sexual orientation.

PSYC 340/540 Personality Psychology

3 crs. • V • P: PSYC 271 for psychology majors and minors. PSYC 100 for non-psychology majors and minors. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PSYC 346/546 Positive Psychology

3 crs. • Sp • P: PSYC 271. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PSYC 353 Health Psychology

3 crs. • Sp • SL-Half • P: PSYC 271 for psychology majors and minors, or consent of instructor

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PSYC 354 Clinical Psychology

3 crs. • Sp • P: PSYC 251 and PSYC 271.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PSYC 357/557 Ethics in Psychology

3 crs. • Sp • P: PSYC 271 for psychology majors and minors. PSYC 100 for non-psychology majors and minors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PSYC 360/560 Foundations of Psychological Measurement

3 crs. • V • P: PSYC 100

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Basic concepts and principles of measurement, including reliability and validity of intelligence, special aptitudes, achievement, psychological traits and characteristics.

PSYC 366/566 Statistical Methods in Psychology II

3 crs. • F • P: PSYC 265

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Frequently used inferential statistical techniques for the analysis of data in psychology.

PSYC 372/572 Individual Differences and Behavior Genetics

3 crs. • V • P: PSYC 271 for psychology majors and minors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Permission required for non-psychology majors and minors. 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.

PSYC 373/573 Evolutionary Psychology

3 crs. • V • P: PSYC 271 for psychology majors and minors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Permission required for non-psychology majors and minors. 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.

PSYC 374/574 Cognitive Neuroscience

3 crs. • F • P: PSYC 271 for psychology majors and minors; PSYC 100 or IDIS 125 and a research methods course for non-psychology majors and minors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Requires a research methods course for non-psychology majors and minors.

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.

PSYC 375/575 Physiological Psychology

3 crs. • F • P: PSYC 271 for psychology majors and minors. PSYC 100 for non-psychology majors and minors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Physiological analysis of perception, motivation, learning, and thinking. Stresses the functional relationships between anatomy/physiology of the nervous system and behavior.

PSYC 376/576 Psychology of Perception

3 crs. • F • P: PSYC 271 for psychology majors and minors. PSYC 100 for non-psychology majors and minors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Basic perceptual phenomena in the visual, auditory, olfactory, gustatory, tactile and proprioceptive senses, and related research methodology and physiology.

PSYC 377/577 Psychopharmacology

3 crs. • F, Sp • P: PSYC 271 for psychology majors and minors. PSYC 100 for non-psychology majors and minors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PSYC 379/579 Cognitive Psychology

3 crs. • F, Sp • P: PSYC 271 for psychology majors and minors. PSYC 100 for non-psychology majors and minors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PSYC 380/580 Introduction to Behavior Modification

3 crs. • F, Sp • P: PSYC 271

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PSYC 385 Practicum in Applied Behavior Analysis

3 crs. • V • SL-Full • P: PSYC 380 • Instructor Consent Required

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 8

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.

PSYC 390/590 Advanced Applied Behavior Analysis

3 crs. • F, Sp • A-F Grades Only • P: PSYC 271 and 281, with a grade of B or above in 281.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PSYC 395 Directed Studies

1-3 crs. • May be repeated • 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.

PSYC 396 Research Apprentice in Psychology

1-3 crs. • May be repeated • P: PSYC 100 • 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.

PSYC 397 Student Academic Apprenticeship in Psychology

1-3 crs. • May be repeated • 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.

PSYC 399 Independent Study - Juniors

1-3 crs. • May be repeated • P: Minimum junior standing. • 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.

PSYC 400 History and Systems of Psychology

3 crs. • F, Sp • CP • P: PSYC 100 or consent of instructor. Minimum senior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

PSYC 401 Big Issues in Psychology

3 crs. • V • CP • P: PSYC 100 or consent of instructor. Minimum senior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

In this course students read and discuss primary literature—old and new—that revolves around enduring issues in psychological science.

PSYC 412/612 Experimental Analysis of Behavior

3 crs. • F, Sp • P: Grade of B or above in PSYC 390.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.



PSYCHOLOGY

PSYC 435/635 Theories and Research in Developmental Psychology
3 crs. • Sp • CD1 • P: PSYC 230, PSYC 271, and one of the following: PSYC 331, PSYC 332, or PSYC 333.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.

PSYC 470 Senior Research Seminar

2 crs. • F, Sp • CP • P: All required courses, except PSYC 400.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
Reading and discussion of current issues in psychology, completion of portfolio, and presentation of an empirical research project.

PSYC 480/680 Internship in Applied Behavior Analysis I

6 crs. • F, Sp • SL-Full; IN • A-F Grades Only • P: PSYC 390 • 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.

PSYC 481/681 Internship in Applied Behavior Analysis II

3-6 crs. • F, Sp • SL-Full; IN • May be repeated • A-F Grades Only • P: PSYC 480. • 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.

PSYC 491/691 Special Topics

1-3 crs. • V • May be repeated
Intensive study of a topic selected because of a special interest on the part of students or faculty. Proposed topics include: The Works of B. F. Skinner, The Measurement of Interests, and Psychology of Consciousness.

PSYC 499 Independent Study - Seniors

1-3 crs. • May be repeated • P: Minimum senior standing. • 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.



Sociology

SCHNEIDER SOCIAL SCIENCE 440
(715) 836-2720
<http://www.uwec.edu/soc/index.htm>

MELISSA BONSTEAD-BRUNS, CHAIR

MARGARET L. CASSIDY, VICKY CRANE, JEFF S. ERGER, PAMELA FORMAN, JEREMY HEIN, JIANJUN JI, TARIQUE NIAZI, KATHLEEN NYBROTEN.

Sociology searches in disciplined ways for answers to questions about human social behavior; questions regarding human identity, social interaction, human relations, and group dynamics. It studies the behavior and interaction of social groups and institutions, traces their origin and growth, and analyzes the influence of group activities on both group members and larger social units.

MAJOR: SOCIOLOGY, Liberal Arts (Code 480-201)

Thirty-six semester credits, including:		<u>Credits</u>
Soc 101	Introduction to Sociology	3
328	Sociological Data Analysis	3
330	Sociological Theory	3
332	Sociological Research Methods	3
490	Sociology Capstone	3
Sociology electives		21

NOTE 1: Majors are strongly encouraged to enroll in Soc 330 no later than the first semester of their junior year.

NOTE 2: A maximum of nine credits earned in Soc 395, 399, 496, 497, 498, and/or 499 may count toward major.

NOTE 3: A sum total of nine credits in Soc 291 and Soc 491 courses may be counted toward the major.

MAJOR: SOCIOLOGY, Early Adolescence/ Adolescence Teaching (Code 480-204)

Thirty-six semester credits, including:		<u>Credits</u>
Required Courses:		
Soc 101	Introduction to Sociology	3
242	Contemporary Social Problems	3
312	Race and Ethnicity in the U.S.	3
316	Sociology of the Family <i>or</i>	
164	Family and Intimate Relationships	3
328	Sociological Data Analysis	3
330	Sociological Theory	3
332	Sociological Research Methods	3
490	Sociology Capstone	3
Total Required		24
Sociology electives		12

Students may elect any additional 12 credits offered in the department. Eighteen of the 36 hours for the major must be earned in upper division courses (those numbered 300 or higher at UW-Eau Claire). This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option B and leads to licensure to teach Sociology in Early Adolescence through Adolescence classrooms.

MINOR: SOCIOLOGY, Liberal Arts (Code 480-401)

Twenty-four semester credits, including:		<u>Credits</u>
Soc 101	Introduction to Sociology	3
Sociology electives		21

NOTE 1: A minimum of nine credits must be taken in courses numbered 300 or higher.

NOTE 2: A maximum of six credits earned in Soc 395, 399, 496, 497, 498, and/or 499 may count toward minor.

NOTE 3: A sum total of six credits in Soc 291 and Soc 491 courses may be counted toward the minor.

MINOR: SOCIOLOGY, Early Adolescence/Adolescence Teaching
(Code 480-404)

Twenty-four semester credits, including:		<u>Credits</u>
Soc 101	Introduction to Sociology	3
242	Contemporary Social Problems	3
328	Sociological Data Analysis	3
330	Sociological Theory	3
332	Sociological Research Methods	3

Nine credits selected from the following:
Soc 164, 312, 316, 351 9

This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option B or C and leads to licensure to teach Sociology in Early Adolescence through Adolescence classrooms. NOTE: A minimum of nine credits must be taken in courses numbered 300 or higher.

Satisfactory/Unsatisfactory Policy. No credit may be earned under the Satisfactory/Unsatisfactory option for any course counted toward a departmental major or minor.

Credit by Examination. Credit may be obtained by examination in Soc 101, Introduction to Sociology. A student may earn a maximum of six credits in Sociology through credit by examination.

DEPARTMENTAL HONORS PROGRAM

- I. *Goals and Objectives*
 - A. To provide an enriched educational experience for subsequent graduate study, professional activities, or public life.
 - B. To allow concentrated and individualized study in selected areas of interest in the field of sociology.
 - C. To stimulate, encourage, and challenge students to gain a better understanding of sociological research and theory in addition to usual instruction.
 - D. To develop capabilities for independent thought and constructive criticism.
- II. *Entrance Requirements for Honors in Sociology*
 - A. Eligibility: Upper-class majors with resident and total GPAs of 3.50 and a GPA of 3.50 in sociology courses.
 - B. Applications for the Honors Program should be made in writing to the department during the junior year.
- III. *Satisfactory Completion of Requirements for Graduation with Honors in Sociology.*
 - A. Minimum of 36 semester credit hours in the sociology department.
 - B. An Honors examination in two areas chosen by the student in consultation with an honors committee.
 - C. A three credit independent study.
 - D. An Honors Seminar.
 - E. An Honors research paper.
 - F. Resident and total GPAs of 3.50 and resident and total GPAs of 3.50 in the major program at time of graduation.

SOC

SOC 101 Introduction to Sociology

3 crs. • F, Sp • GE-IIIIF
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Introduces students to sociological perspectives of human social behavior, social structures, interaction, socialization, culture, institutions, and social change.

SOC 103 Survey of the Criminal Justice System

3 crs. • F, Sp • GE-IIIIG • P: No credit if taken after SOC 203.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• 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.

SOC 164 Family and Intimate Relationships

3 crs. • F, Sp • GE-IIIIF
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• 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.

SOC 202 Women and Men in Society: The Sociology of Gender

3 crs. • F • GE-IIIIF
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• Credit may not be earned in both SOC 202 and WMNS 202.
An examination of women's and men's relationships and roles in the United States and in other societies; the development and consequences of gender identity and gender roles for individuals, relationships, and society.

SOC 242 Contemporary Social Problems

3 crs. • Sp • GE-IIIIF
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Sociological perspectives are applied to the identification, analysis, explanations, and solutions to social problems of contemporary American society.

SOC 291 Special Topics — Issues in Sociology

3 crs. • V • May be repeated for a maximum of 6 credits
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• 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.

SOC 302 Youth Crime and Juvenile Justice

3 crs. • F, Sp • GE-IIIIG • P: CRMJ/SOC 103.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• 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.

SOC 310 Principles of Demography

3 crs. • Sp • GE-IIIIF
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Size, composition, and spatial distribution of human populations; changes resulting from demographic and other social processes; consequences for human welfare, implications for population policies.

SOC 312 Race and Ethnicity in the U.S.

3 crs. • F, Sp • CD3; GE-IIIIF • P: SOC 101
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.

SOC 314/514 Social Class and Inequality

3 crs. • Sp • CD1; GE-IIIIF • P: SOC 101
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.

SOC 316 Sociology of Family

3 crs. • Sp • GE-IIIIF • P: SOC 101.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• 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.

SOC 321 The Individual in Society

3 crs. • F • GE-IIIIF • P: SOC 101
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.

SOC 328 Sociological Data Analysis

3 crs. • F • P: Fulfillment of A & S B.A. Mathematics Competency Requirement; SOC 101. Limited to sociology majors and minors, and criminal justice majors.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
An introduction to widely used techniques of analyzing sociological data. Attention to statistical description, statistical inference, graphic presentation, and interpretation of results.

SOC 330 Sociological Theory

3 crs. • F • P: SOC 101. Limited to sociology majors and minors.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.

SOCIOLOGY

SOC 332 Sociological Research Methods

3 crs. • Sp • P: SOC 330. Limited to sociology majors and minors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Criminal justice majors may enroll if they have completed CRMJ 301.

Part II of the theory-methods sequence. Surveys foundations of social science, quantitative and qualitative research strategies and techniques. Attention is given to the process of inquiry, design, measurement, observation, data management, analysis, and presentation.

SOC 333 Qualitative Research Methods in Sociology

3 crs. • V • P: SOC 101 and two upper division SOC courses.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Introduction to qualitative research methods in sociology such as participant observation, unstructured interviews, postmodern and deconstructionist analysis, text analysis, participatory action research, feminist approaches, visual sociology, and conversation analysis.

SOC 351 Sociology of Deviance

3 crs. • Sp even years • GE-IIIIF • P: SOC 101

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

SOC 364/564 Social Gerontology

3 crs. • V • GE-IIIIF • P: SOC 101

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

SOC 385 Social Foundations of Work and Occupations

3 crs. • V • GE-IIIIF; BPS Flat Rate Tuition • A-F Grades Only • P: Limited to Organizational Leadership and Communication comprehensive major, Bachelor of Professional Studies degree. Credit may not be earned in both SOC 385 and SOC 405.

Seminar Hours: 3 | Lab/Studio Hours: 0

Examines historical trends in the nature of work and occupations; trends in employment, unemployment, and the impact of technology on work in the global economy; the experience of paid and unpaid work across gender, race, and class; and issues surrounding work/life balance.

SOC 395 Directed Studies

1-3 crs. • F, Sp, Su • May be repeated • P: Six credits in sociology. Minimum resident GPA of 2.50. • Department Consent Required

Directed study of a sociological problem approved by the supervising instructor and department chair.

SOC 399 Independent Study - Juniors

1-3 crs. • F, Sp, Su • May be repeated • Department Consent Required

An intensive study of a sociological topic resulting in a quality paper or report.

SOC 405 Sociology of Work and Occupations

3 crs. • F • A-F Grades Only • P: SOC 101. Credit may not be earned in both SOC 385 and SOC 405.

Seminar Hours: 3 | Lab/Studio Hours: 0

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.

SOC 415 Social Movements

3 crs. • Sp • P: SOC 101. No credit if taken after SOC 491 with the same topic.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

SOC 417 Comparative Family Systems

3 crs. • CD1; GE-IIIIF • P: SOC 101

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study of the origins of American familial customs and patterns; comparative analysis of family life in selected industrial and post-industrial societies. Emphasis on mate selection, power and authority, kinship patterns, child-rearing, marital dissolution.

SOC 419 Sociology of Women

3 crs. • Sp • CD1 • P: SOC 101

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both SOC 419 and WMNS 419.

Sociological analysis of women's statuses and roles in American society, focusing on socialization experiences, family, work, and sexual roles. Attention is also focused on contemporary issues and the experiences of American women.

SOC 426 Sociology of Sexualities

3 crs. • F • P: SOC 101. Limited to sociology majors/minors or family studies minors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both SOC 426 and WMNS 426.

Using a sociological framework this course critically examines how society influences sexual beliefs, behaviors, and identities. The relationship between sexuality and the social institutions of family, education, government, medicine, religion, and media is studied.

SOC 484 Environmental Sociology

3 crs. • F • P: SOC 101

Seminar Hours: 3

• 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 inter-state and intrastate conflicts.

SOC 485 Sociology of the Middle East

3 crs. • Sp • P: SOC 101

Seminar Hours: 3

• No credit if taken after SOC 491 when offered as Environmental Sociology.

The course reviews the relationships among the state, society and the environment in the Middle East. It examines the region's security, resources, challenges, conflicts and potential peace-making from an ecological perspective.

SOC 490 Sociology Capstone

3 crs. • F • CP • P: SOC 332. Limited to sociology majors. Minimum of 18 credits of sociology.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

This course enables majors to integrate the skills and knowledge they have obtained through the major. It uses their existing expertise to develop a synthesis of the basic research and applied components of the discipline.

SOC 491 Special Topics

3 crs. • V • May be repeated for a maximum of 9 credits • P: SOC 101. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

SOC 492 Honors Seminar in Sociology

1 cr. • May be repeated • P: Limited to sociology majors. Resident, total, and departmental GPAs of 3.50 or higher, and acceptance of student into Honors Program. • Department Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Design and reports of in-depth original study of selected sociological problems by students in Honors Program.

SOC 496 Research Apprenticeship in Sociology

1-3 crs. • F, Sp, Su • May be repeated for a maximum of 6 credits • A-F Grades Only • P: 3.00 GPA in sociology courses with a minimum of six credits. • 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.

SOC 497 Student Academic Apprenticeship in Sociology

1-3 crs. • F, Sp, Su • May be repeated for a maximum of 6 credits • A-F Grades Only • P: 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+.

• 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.

SOC 498 Sociology Internship

1-6 crs. • F, Sp, Su • SL-Full; IN • May be repeated for a maximum of 6 credits • P: 12 credits in sociology. Formal application with the instructor and department chair must be completed before registering for the course. • Department Consent Required

A field experience course which integrates principles of sociology with work in an organization. Joint supervision by instructor and field representative.

SOC 499 Independent Study - Seniors

1-3 crs. • F, Sp, Su • May be repeated • Department Consent Required

An intensive study of a sociological topic resulting in a quality paper or report.

College of Business

DIANE HOADLEY, DEAN (SCHNEIDER 110)

ROBERT J. SUTTON, ASSOCIATE DEAN (SCHNEIDER 117A)

JACK P. HOGGATT, ASSISTANT DEAN—STUDENT AFFAIRS (SCHNEIDER 119)

GRETCHEN A. HUTTERLI, ASSISTANT DEAN—DEVELOPMENT AND MARKETING (SCHNEIDER 123B)

JANA R. SCHILMOELLER, CAREER AND EMPLOYMENT MANAGER, CAREER SERVICES (SCHOFIELD 226)

MARILYN A. BERGMANN, COORDINATOR, DISTANCE LEARNING AND TECHNOLOGY SERVICES (SCHNEIDER 115A)

ROBERT C. ERFFMEYER, DIRECTOR, MBA PROGRAM AND UNDERGRADUATE DISTANCE LEARNING PROGRAM (SCHNEIDER 215)

RAYMOND HUGHES, DIRECTOR, ENTREPRENEUR PROGRAM AND DENNIS L. HEYDE CHAIR OF ENTREPRENEURSHIP (SCHNEIDER 465)

SCOTT LESTER, DIRECTOR, CENTER FOR LEADERSHIP (SCHNEIDER 451)

DOUGLAS OLSON, DIRECTOR, CENTER FOR HEALTH AND AGING SERVICES EXCELLENCE (SCHNEIDER 463)

TIMOTHY S. VAUGHAN, DIRECTOR, RESEARCH (SCHNEIDER 400E)

RAMA YELKUR, COORDINATOR, INTERNATIONAL BUSINESS PROGRAMS (SCHNEIDER 300F)

The College of Business provides lifelong learning experiences through undergraduate and graduate degree programs as well as noncredit offerings for business people desiring continuing education.

The business college consists of four academic departments: Accounting and Finance, Business Communication, Information Systems, and Management and Marketing. The College of Business offers 15 undergraduate degree programs, eight minors, and five certificate programs. Approximately 2,100 students are enrolled in the college's undergraduate programs. Today, approximately 150 students are enrolled in various stages of the MBA program. Undergraduate and graduate programs are accredited by the Association to Advance Collegiate Schools of Business (AACSB International).

Additional information about the College of Business can be found on the college's Web site at: www.uwec.edu/cob.

COLLEGE OF BUSINESS VISION STATEMENT

To be the leading regional college of business in the Midwest, recognized by our stakeholders for our innovative teaching, distinctive academic programs, and value-added educational experience.

The College's vision statement supports and reinforces UW-Eau Claire's liberal educational mission. Business college faculty members have designed the curricula to take advantage of the role that a strong liberal education plays in the professional development of student-customers. UW-Eau Claire College of Business graduates are well-prepared for success in the global business environment of the 21st century.

Learning Goals

Organizational communication needs, ethical dilemmas, team-oriented workforces, changing technology, and globalization—these are just a few of the issues shaping the business world today. To compete in a dynamic multi-cultural world, business students need to know more than just the functional knowledge that defines their disciplines. Students must be able to work effectively in the global business world, access and use information sources to make decisions, use technology as a competitive advantage, communicate effectively with people from different cultural backgrounds, manage in an ethical and socially responsible manner, and function effectively as team leaders and members.

In addition to a strong functional knowledge base, the College's Learning Goals are designed to prepare students for the world of work in five broad areas:

- oral and written communication skills
- ethical leadership, decision-making, corporate governance, and the role of business in society
- strategic implications involved in a global business environment
- characteristics of effective teams
- ability to use technology in solving problems

Through the College's curriculum, business students acquire the knowledge and skills necessary to position them for the future. Students gain the learning goal competencies in three ways: (1) through the 31-credit BUS-CORE, the common body of courses all business students take; (2) through courses in their major; and (3) through experienced-based learning opportunities such as internships, faculty/student collaborative research, international study, service-learning, and participation in student organizations.

DEGREES AND CURRICULA

Bachelor of Business Administration (BBA) Comprehensive Majors:

- Accounting
- Business Economics
- Business Finance
- Health Care Administration
- Information Systems
 - Business Analysis
 - Systems Development
- International Business Management
 - Entrepreneur Program
 - General Management
 - Human Resource Management
 - Operations/Materials Management
- Marketing
 - General Marketing
 - Marketing Analytics
 - Professional Sales

Standard Major:

- Business Administration

Undergraduate Business Minors

All of these minors are available to students outside of the College of Business.

- Accounting
- Audit and Control
- Business Administration
- Business Finance
- Entrepreneurship
- International Business
- Management
- Marketing

Approved Double Major and Major/Minor Combinations within a Single Department in the College of Business

Double Major Combinations

- Accounting with Business Finance
- Health Care Administration with any Management or Marketing emphasis
- Any Management emphasis with any Marketing emphasis

Major/Minor Combinations

- Accounting major with Audit and Control minor
- Accounting major with Business Finance minor
- Business Administration major with Entrepreneurship minor
- Business Administration major with Management minor
- Business Administration major with Marketing minor
- Business Finance major with Accounting minor
- Health Care Administration major with Entrepreneurship minor
- Health Care Administration major with Management minor
- Health Care Administration major with Marketing minor
- Any Management emphasis major with Marketing minor
- Any Management emphasis major (with the exception of the Entrepreneurship emphasis) with Entrepreneurship minor
- Any Marketing emphasis major with Management minor
- Any Marketing emphasis major with Entrepreneurship minor

NOTE: Students who select the Business Administration standard major **may not** minor in Business Administration. If a second major is selected, it must be from a department other than Management and Marketing.

If a student elects either a major/minor combination or a double major, both of which reside in the College of Business, the student must complete all requirements beyond the BUSCORE for each program, and all proficiencies. Overlap in non-BUSCORE courses between a double major or major/minor combination is limited to 12 credits. In addition, a minimum of 12 credits in each program must be unique to the program (not overlap the companion program).

Certificate Programs

Certificate programs are designed to enhance a student's major or minor program. The following is a list of the certificate programs offered by the college/departments. A detailed description of each program is under the appropriate college or department listing.

Business Certificate Programs	
College/Department	Program
College of Business	International Business Certificate
Business Communication	Advanced Business Communication Certificate
Information Systems	Information Systems Certificate
Management and Marketing	Leadership Studies Certificate

College of Business Laptop Computer Requirement

The College of Business requires its majors and minors to have access to a laptop computer that can be brought to class when there is in-class computer usage. These classes are identified with the statement: "This class requires access to a laptop computer which can be brought to class when required." The college has over 50 courses requiring at least some in-class computer use. Go to www.uwec.edu/COB/undergraduate/laptop_courses.htm to see the list of courses which require laptop access. Students should also refer to the semester course schedule for details.

Degree and Program Requirements

Candidates for the Bachelor of Business Administration (BBA) degree must meet all general graduation requirements of the University and all specific requirements of both the College of Business and their major programs.

Credits for Graduation. All candidates for the BBA degree need a minimum of 120 credits to graduate, to include the following:

- A minimum of 52 semester credits in the College of Business and the Department of Economics.
- A minimum of 60 semester credits in courses other than those offered by the College of Business and the Department of Economics. The Health Care Administration major is exempt from this requirement.

NOTE 1: Econ 103 and 104 may be counted as either Bus/Econ credits or non-Bus/Econ credits. These courses will be counted as non-Bus/Econ credits. Students should contact the Registrar's Office, Schofield 128, to change how these courses are counted, if needed, on their degree audit.

Exception: For Business Administration majors, Econ 103 and 104, along with Math 246, are counted as Bus/Econ credits. Students should contact the Registrar's Office, Schofield 128, to change how these courses are counted, if needed, on their degree audit.

NOTE 2: College of Business courses approved as GE-V will not be counted toward the second requirement.

Foreign Language/Foreign Culture Requirement. All candidates for the BBA degree must complete the Foreign Language/Foreign Culture requirement. Information about this requirement can be found in this Catalog (see Foreign Language/Foreign Culture Requirement).

NOTE: Most courses used to satisfy the Foreign Language/Foreign Culture Requirement may also be applied to the University's General Education Requirements.

Student Professional Development Program. All candidates for the BBA degree must complete the Student Professional Development Program. The program is designed to equip students with the skills needed to present themselves in a professional manner during their job search and to other professionals once they enter their chosen careers.

The program consists of four workshops: Becoming a Business Professional, Professional Appearance, Developing your Professional Profile, and Professional Etiquette. All workshops must be completed before admission to the College of Business. For more information, visit www.uwec.edu/cob/undergraduate/spdp.

Residency Requirements for College of Business Majors:

See page 45 for University Residency Requirements.

Residency Requirements for College of Business Minors:

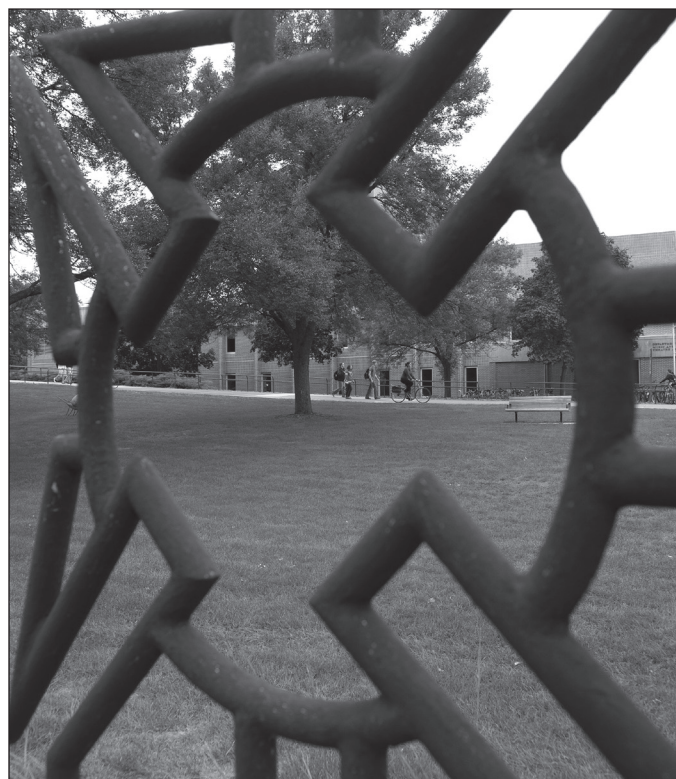
At least 12 credits used to fulfill the requirements of a minor from the College of Business must be earned in residence. Resident credits do include credits earned through the National Student Exchange Program, study abroad opportunities, and Internet courses taught by UW-Eau Claire College of Business professors.

General Education Requirements. All candidates for the BBA degree must meet the University's General Education requirements (see University Graduation Requirements). In addition, a college may establish proficiency requirements for any or all of their degree programs. Courses taken to meet degree specific proficiencies also may be used to satisfy General Education Requirements. The following information outlines the General Education and Proficiency Requirements for the BBA degree.

BACHELOR OF BUSINESS ADMINISTRATION DEGREE REQUIREMENTS

Cultural Diversity Requirement. The University Cultural Diversity Requirement must be satisfied by all students receiving the BBA degree. Students satisfy the requirement by satisfactorily completing the following courses: Bsad 300, Diversity in the Workplace; CJ 202, Fundamentals of Speech (if completed at UW-Eau Claire); and a third course. Courses which fulfill the remainder of the requirement are listed in this catalog (see Cultural Diversity Courses).

NOTE: Most courses used to satisfy the Cultural Diversity Requirement may also be applied to the University's General Education Requirements.



GENERAL EDUCATION AND BBA DEGREE* PROFICIENCY REQUIREMENTS

General Education Requirements	BBA Degree Proficiency Requirements Which May Be Applied to the G.E. Requirements
Category I: Communications and Analytical Skills (A minimum of six credits including at least one course from subcategory A and one course from subcategory B.)	A. CJ 202 B. Math 246 NOTE: BBA majors, with the exception of the Health Care Administration major, must also take Math 111, Math 114, or equivalent
Category II: Natural Sciences (Nine to 12 credits from at least two subcategories including two laboratory science courses from List A OR one laboratory science course from List A and one non-laboratory course from List B.)	List A—Business majors must select from the following list of laboratory science courses: Biol 100, 151, 195; Chem 100, 103,104, 115; Geog 104; Geol 110, 115; Phys 211, 212, 226, 229, 231, 232. List B—Biol 130, 180, 196; Chem 127; Geog 178, 361; Geol 102, 201, 301, 303, 308; Phys 308, 315
Category III: Social Sciences (Nine to 12 credits from at least two of the seven subcategories.)	Econ 103 and 104; and one course from the following list: AIS/ Anth 161; Geog 111, 155; Pols 122, 265, 346; Psys 100; Soc 101; Idis 201, 325
Category IV: Humanities (Nine to 12 credits from at least two of the five subcategories.)	No specific courses are required.
Category V: University Wide General Education	Students may include up to six credits from this category in General Education.
NOTE: Students transferring to UW-Eau Claire from a UW College with an Associate Degree are considered to have fulfilled the general education requirements EXCEPT the proficiencies for CJ 202, Math 246, Econ 103, Econ 104, and one of the following courses must still be met: AIS/ Anth 161; Geog 111, 155; Pols 122, 265, 346; Psys 100; Soc 101; Idis 201, 325. However, specific Associate Degree course work may be considered to have satisfied these requirements.	

*See more specific requirements for Categories II and III for the Health Care Administration major in the Department of Management and Marketing.



The BUSCORE

The BUSCORE is the 31-credit common body of courses taken by all BBA students with the exception of the Health Care Administration major. (See page 207 for the Health Care Administration major “Core courses related to administration.”) It consists of the following 12 courses:

The BUSCORE Courses	
Acct 201	Principles of Accounting I
Acct 202	Principles of Accounting II
Bcom 206	Business Writing*
Bcom 207	Business Presentations**
Bsad 300	Diversity in the Workplace
Bsad 305	Legal and Regulatory Environment
Fin 320	Principles of Finance
IS 240	Information Systems in Business
Mgmt 340	Organizational Behavior
Mgmt 341	Operations Management
Mgmt 449	Strategic Management in a Global Business Environment
Mktg 330	Principles of Marketing
NOTE: Unless otherwise indicated, all 400-level courses in the College of Business require the following core courses: Bcom 206, Bcom 207, Bsad 305; Fin 320; Mgmt 340, 341; and Mktg 330.	
*Students who earn less than a B- (B minus) in Bcom 206 must complete Bcom 216 with a grade of C or above.	
**Students who earn less than a B- (B minus) in Bcom 207 must complete Bcom 307.	

Major/Minor Requirements. Students seeking a BBA degree must complete either a standard or a comprehensive major (see College of Business department listings for major requirements).

Grade Point Requirements. Candidates for the BBA degree must earn a minimum GPA of 2.00 in their major and in courses taken in residence. (See the special requirements for the Comprehensive Major in Accounting and Health Care Administration.) If a minor is required, or is to be listed as an official minor, the candidate must earn a minimum GPA of 2.00 in the minor.

SPECIAL COURSE OPTIONS

Access to Business Courses for Non-Business Majors. Students in non-business major and minor programs that do not require course work in the College of Business may be allowed to enroll in a maximum of six upper-division business credits without having to meet College of Business admission requirements. To do this, a student must satisfy the following requirements:

- a resident GPA of at least 2.50;
- junior or senior standing;
- completion of course prerequisites;
- written approval from the student’s major / minor department chair;
- approval of the appropriate College of Business chair in which the course resides and the Assistant Dean of the College of Business.

The Management and Marketing Department (College of Business) and the Communication and Journalism Department (College of Arts and Sciences) have identified specific business courses which are appropriate for students pursuing a Communication major. For additional information about this arrangement or other opportunities for students pursuing a non-business degree, contact the Assistant Dean of the College of Business (Schneider 119).

Credit by Examination. Each department within the College of Business has established its own policy with respect to credit by examination. Contact the appropriate department chair for additional information.

Distance Learning. As a member of the Undergraduate Business Alliance, the College of Business offers some undergraduate core business classes online. Undergraduates are strongly encouraged to enroll in no more than three credits of Internet courses during the fall or spring semesters or Winterim and no more than six credits during the summer.

Check with academic advisers, review the current Class Schedule, visit the Web site, or contact the College of Business Coordinator for Distance Learning (Schneider 115A) for further information.

The UW-Eau Claire College of Business, as a member of the UW MBA Consortium, uses a web-based delivery system to make its graduate program available online. The program coordinates with the on-campus program so that students may take courses in either environment. The Foundation courses are also offered online, allowing students without an undergraduate business degree to complete the MBA prerequisites or to earn a Foundations of Business Certificate.

Independent Study. Students who wish to undertake an independent study project must demonstrate academic capability and must secure, prior to registering, the consent of the chair of the department offering the independent study and the faculty member directing the study.

For further information, contact the appropriate College of Business department chair.

Night Course Offerings. A limited selection of College of Business courses is offered each semester in the late afternoon and early evening. These courses generally meet once a week from 7:00-9:45 p.m. or twice a week starting at 5:00 p.m. Business students are encouraged to review the current Class Schedule or contact the College of Business department chairs for further information.

Satisfactory/Unsatisfactory Option. Students may take courses offered by the College of Business on a Satisfactory/Unsatisfactory basis, with the following limitations:

- No course may be taken on a Satisfactory/Unsatisfactory basis as part of a major, minor, or certificate described by one of the departments in the College of Business.
- Business courses may be taken on a Satisfactory/Unsatisfactory basis only concurrent with or following completion of the student's major or business minor.

ADMISSION INFORMATION

Admission to the University. All persons who wish to pursue an undergraduate business degree program at UW-Eau Claire must file an application, including a high school transcript, a transcript of all previous post-secondary work attempted, and any specific application fee, with the Admissions office, Schofield 111. Additional information about admission to the University can be found in this catalog (see Admission to the University).

High School Preparation. Students considering a major in the College of Business are encouraged to take courses in high school which will provide them with appropriate background for their collegiate studies. Where available, high school preparation should include:

- four years of college-preparatory English courses
- four years of college-preparatory mathematics courses
- four years of natural science courses
- competency in using a personal computer. Skills needed include keyboarding; computer access and usage; and the ability to use word processing, spreadsheets, electronic presentations, and data management applications.

Admission to the College of Business. UW-Eau Claire students who expect to earn a BBA degree must be admitted to the College of Business in order to register for most upper-division (300/400-level) courses in the major. **All other students** whose major or minor require completion of upper-division courses in the College of Business must provide evidence to the Assistant Dean of the College of Business Academic Affairs office, Schneider 119, that they meet College of Business admission requirements.

College of Business Admission Criteria. Separate application for admission to the College of Business must be filed by all students who wish to elect a Business major or minor. To be eligible for admission, the student must meet all of the following criteria:

College of Business Admission Criteria

- Complete the following five courses with at least a 2.20 GPA: Acct 201, Acct 202, Econ 103, Econ 104, IS 240.
- Present a 2.60 or higher GPA in all undergraduate work completed prior to admission. (In addition, transfer students must have at least a 2.00 GPA on all UW-Eau Claire course work they have completed.)
- Complete 54 credits.
- Complete the Student Professional Development Program Workshops. (Students who are only minoring in the college are exempt from this requirement but are encouraged to complete the workshops.) See Department of Management and Marketing for Health Care Administration admission process.

Application Procedure. Application for admission to the College of Business should be made during the semester in which the last of the above criteria are satisfactorily completed (ordinarily the second semester of the sophomore year). Applications are to be completed online on the College of Business Web site at: www.uwec.edu/cob.

Transfer Students. Students transferring to UW-Eau Claire intending to major in the College of Business program may be expected to validate certain business courses taken at their former institution. These courses will be identified appropriately on the student's transfer transcript. This information directs the student to the office of the appropriate department chair to complete the validation process which may include syllabus review, an examination, course requirement, or other appropriate validation technique.

Readmission to the College of Business. A student who has been away from the University for a period of one semester or more (except those who have applied for a Leave of Absence) must apply for readmission to the University. The student should contact the Assistant Dean of the College of Business, Schneider 119, regarding his/her status in the College of Business. This may be done as soon as the student has been readmitted to the University.

PLANNING A DEGREE PROGRAM

Students are classified as pre-business students until they meet College of Business admission requirements. Once a student has applied and been admitted to the college, students may take advanced courses (at the 300/400 level) in their majors.

Pre-business students enroll in General Education courses and limited BUSCORE and major courses. In addition, a pre-business student should:

- get to know his/her adviser. The faculty adviser can provide degree planning advice, career advice, and is a connection to other university resources.
- research business career options and select a major.
- investigate internship, international, or other experience-based learning opportunities.
- maintain an acceptable GPA—the College of Business has several admission requirements that are tied to a student's grades.

Pre-business students are admitted to the College of Business once they have met the college's admission requirements and have completed the application form online. For most students, this occurs at the end of their sophomore year.

Admitted business students concentrate on taking courses in their major; completing General Education requirements; participating in student organizations, internships, or international study opportunities; and planning a successful job campaign. Confirmation of admission is sent via e-mail.

Advising. All pre-business and admitted business students are assigned an adviser. Ordinarily, adviser assignments are made during freshman or transfer orientation.

To officially declare or change to a new major or minor, a student majoring in Accounting, Finance, or Information Systems must go to the office of the department of the intended major or minor. All other majors must go to the CADE advising center, Schneider 119. Specific instructions can be found at <http://www.uwec.edu/registrar/student/chgofmajor.htm>.

All students are encouraged to obtain a new degree audit during this process.

Students should consult their College of Business adviser as early as possible to develop a plan of action for their degree program.

Catalog Base for Degree Planning. Students follow the curricular requirements of the catalog under which they entered UW-Eau Claire. Students may follow a newer catalog upon notification to their department. Students who are absent from the University for two or more consecutive semesters must follow the catalog in effect at the time of their re-entry. Transfer students starting at UW-Eau Claire within two semesters of leaving their former accredited institution may use the UW-Eau Claire catalog in effect at the time they entered their former institution. Any deviation from published degree requirements must be authorized by the College of Business Assistant Dean, Schneider 119. Students who wish to appeal an institutional decision or response relating to their request for academic substitutions or waivers may do so by using the Student Academic Grievance Procedures published in the Student Services and Standards handbook available in the Student Affairs and Dean of Students Office, Schofield 240.

Preparation for Graduation. College of Business students must apply for graduation via MyBlugold by the end of the first week of priority registration for the semester in which the student expects to graduate. Failure to file an application on time may result in the postponement of graduation.

DEAN'S LIST

Students in the College of Business who have an outstanding record of academic accomplishment are eligible for the Dean's List. In order to earn Dean's List standing during a given semester, students must have the following:

- Earned a minimum of 12 credits during the semester, not including incompletes, courses below the 100 level, repeats, and Satisfactory/Unsatisfactory registrations (except in courses that are offered only on the S/U grading system in which a grade of S has been earned).
- Earned a minimum semester GPA of 3.60.

Dean's List students will receive a letter of notification and congratulations from the Dean. Go to www.uwec.edu/cob/undergraduate/honors/deans.htm for a complete listing of students on the Dean's List.

CAREER SERVICES

Early in their college careers students are encouraged to become familiar with the resources available through Career Services. These include:

- **Career Exploration and Development:** Individual career counseling, career assessments and information within the Career Discovery Center are available for students to learn more about their major and how it relates to a future career. It is recommended that a student visit Career Services during the first year at UW-Eau Claire to discover, explore, and plan for their career.
- **Career Discovery Center:** Includes extensive materials in many formats to help students research all of their career development needs. The CDC includes information on occupational options; internship information; employer directories; company literature; graduate school information; and resume', portfolio, and interview preparation resources.

- **Blugold CareerLink:** An online database used by UW-Eau Claire students and alumni to search for and apply for on-campus interviews, internships, and full-time positions. Employers utilize this as a tool to recruit UW-Eau Claire students by posting positions, scheduling on-campus interviews, information sessions and registering for career fairs. The database includes company profiles, Web sites, and contact information for local, regional, and national employers that choose UW-Eau Claire as a primary institution to assist in meeting their workforce needs. Students pay a one-time fee to register and have lifetime access to use this database. Blugold CareerLink can be purchased in Career Services, Schofield 230, (715) 836-5358.
- **Career Events:** Each year Career Services sponsors a variety of career events designed to allow students to explore internship and career options: Over 500 professionals representing a wide variety of organizations attend these events to meet with UW-Eau Claire students and alumni.
 - Career Conference**-fall semester
 - Explore Your Possibilities**-fall semester
 - Graduate & Professional School Fair**-fall semester
 - Nursing & Health Care Professional Career Fair**-fall semester
 - Internship Mania**-spring semester
 - Job Search Bootcamp**-spring semester
- **On-campus recruitment program:** Interviews are often conducted on-campus each year by various local, regional, and national employers. Students can apply for positions, and once selected, manage their interview schedule via Blugold CareerLink.

More information can be obtained from the Career and Employment Manager, Career Services, Schofield 230, (715) 836-2927, or online at: www.uwec.edu/career. Information is also available on the College of Business Web site at: www.uwec.edu/cob.

EXPERIENCE-BASED LEARNING

Business students can broaden their education and gain additional skills and competencies through participation in learning experiences outside of the traditional classroom. The College of Business encourages students to participate in one or more of the following experience-based learning opportunities.

Business Internship Program. Business students can earn academic credit while gaining practical business experience. Any junior or senior student who has been admitted to the College of Business, is in good academic standing, and has satisfied specific departmental course prerequisites and policies may participate in the Business Internship Program. IS majors may participate in the IS 320 internship as sophomores and prior to being admitted to the College of Business; however, admission to the College of Business is required for most internships. There is a special course fee for the internship.

In order for students to receive college credit for an internship, the experience must meet the following criteria:

- Work done must be related to the student's field of study.
- The employer must designate an internship supervisor to oversee and evaluate the student's performance during the internship.
- For an internship that employs a student **36 to 40 hours per week (full-time)**, see the definition of Full-time Equivalent Enrollment Status for Undergraduate Students on page 29.
 - 10 or more weeks within a semester is a 3 credit internship
 - 7-9 weeks within a semester is a 2 credit internship
 - 4-6 weeks within a semester is a 1 credit internship.
- For an internship that employs students **10-35 hours per week (part-time)**, the typical requirement is **150 hours per credit**.
- **Credit will generally not be granted for unpaid internships at for-profit organizations.**

Students who are interested in the Business Internship Program should contact their department chair within the College of Business or the Career and Employment Manager, Schofield 230, (715) 836-2927. Additional information is available on the College of Business Web site at: www.uwec.edu/cob.

International Education. The College of Business faculty strongly encourage all business students to study abroad and/or complete an international internship. In today's business world there are no longer hundreds of isolated markets but rather many very interconnected markets within a global economy. Chances are high that a student majoring in business will end up in a career which will require knowledge and skills needed for operating effectively in the international markets. Employers are looking for individuals who demonstrate self-confidence, independence, global awareness, and knowledge of a multicultural world. To help students gain these skills and competencies, many opportunities exist for them to study outside of the United States. The international programs listed below offer a full or limited complement of business and economics courses:

- *Australia: Murdoch University, Perth.* Offers a major in business.
- *Australia: Southern Cross University, Lismore.* Offers a major in business.
- *Austria: Karl-Franzens-University, Graz.** Four semesters of German are required.
- *England: University of Winchester, Winchester.** Offers a major in business.
- *Germany: Frankfurt University of Applied Sciences (part of Hessen-Wisconsin Exchange).** Offers business courses in English.
- *Greece: American College of Thessaloniki.* Offers a major in business. All business courses taught in English.
- *Ireland: University of Limerick, Limerick.* Offers a major in business.
- *Japan: Kansai Gaidai University, Asian Studies Program, Hirakata City.** International business courses taught in English.
- *Mexico: Instituto Tecnológico, Monterrey.** Some Spanish helpful. Many business courses are taught in English.
- *Scotland: University of Aberdeen.* Offers a major in business.
- *Scotland: University of Glasgow.* Offers a major in business.
- *Scotland: University of Stirling.* Offers a major in business.
- *South Korea: Ajou University, International Summer School, Suwon City.** Summer only. Offers business courses in English.
- *Sweden: Linnaeus University, Växjö.** International business program. Courses are taught in English by Swedish faculty members.

*Denotes an exchange program, meaning that students pay approximately the same tuition they would if attending UW-Eau Claire. Cost of living varies greatly. Additional information about these programs may be obtained from the College of Business Web site at www.uwec.edu/cob and the International Business Programs Coordinator (Schneider 300F) or Center for International Education (Schofield 3).

Service-Learning Experience. Business students can apply the functional knowledge and communication skills gained in the classroom through service in the community. Service-learning is an academic experience that combines community services with intentional learning goals, reflection, and critical analysis. It offers students the opportunity to apply knowledge gained in the classroom through service to others. All UW-Eau Claire undergraduates are required to complete 30 or more clock hours of curricular, extracurricular, or co-curricular service-learning. Acceptable activities can take many forms. Service-learning activities may be integrated into a course or may involve participation in a community service program or internship. Experiences may be paid or unpaid. Information regarding the completion of the service-learning requirement can be obtained from the College of Business Web site at: www.uwec.edu/cob, department chairpersons, or the University's Service-Learning Web site at: <http://www.uwec.edu/SL/> or the Director of Service-Learning (Human Sciences and Services 205).

Faculty/Student Collaborative Research. Business students can gain functional knowledge and practice communication and teamwork skills by working with a faculty member on an academic research

project. Research projects are presented at the University's annual Student Research Day. Students may gain independent study credit for the experience. This opportunity is particularly beneficial for students considering graduate school. Additional information about faculty/student collaborative research experiences is available from the College of Business Web site at: www.uwec.edu/cob, the College of Business Research Director (Schneider 400E), or department chairpersons.

Student Business Organizations. Pre-business and business students can apply the knowledge and skills learned in the classroom through active participation in student business organizations. Members network with professionals, go on field trips to businesses, plan meetings, organize fund-raising events, participate in social occasions, attend regional and national conferences, and build lasting friendships with other business students. Active student business organizations include:

AIIESEC (1976), an international organization for students interested in international business, with opportunities for internship experiences in foreign countries.

American College of Health Care Administrators (ACHCA) (1978), the student chapter of a national organization that provides Health Care Administration students opportunities for leadership, community service, networking, and professional development.

American Marketing Association (AMA) (1980), a national professional organization for individuals with an interest in marketing.

Association of Information Technology Professionals (AITP) (formerly SIM - Society of Information Management) (1980), a departmental organization designed to promote association with professionals in the information systems field and to keep students current with industry trends.

The Association for Operations Management (APICS) (1986), student chapter of the national association of professional men and women who practice the art and science of production and inventory management.

Beta Alpha Psi (1982), a national scholastic honor society in the field of accounting, recognized by AACSB International—The Association to Advance Collegiate Schools of Business (AACSB International).

Beta Gamma Sigma (BGS) (1981, 1991), a national scholastic honor society in the field of business, recognized by AACSB International.

Beta Upsilon Sigma (BUS) (1957), a professional fraternity for students in the College of Business and the Department of Economics.

Collegiate Entrepreneurs' Organizationsm (CEO) (2009), the premier North American student entrepreneurship organization informs, supports and inspires student members to be entrepreneurial and seek opportunity through enterprise creation.

Distributive Education Clubs of America (DECA) (2004), is a national student organization that prepares students for careers by integrating skills learned in the classroom into real world experiences.

Financial Management Association (FMA) (1982) (formerly Financial Management Society), a departmental organization for students interested in exploring careers in financial management.

Institute of Management Accountants (IMA) (2004), Student Chapter of a national professional organization for students interested in exploring careers in management accounting.

Leadership Education and Development Society (LEADS) (2009), a student organization committed to the education, development, and promotion of effective leadership practices in ourselves and others within the university and community.

Pi Sigma Epsilon (PSE) (2008), a national professional fraternity whose mission is to develop sales and marketing skills of its members through lifelong experiences. The Eau Claire chapter is the Zeta Epsilon chapter.

Society for Human Resource Management (SHRM) (1981) (formerly the American Society of Personnel Administration), Student Chapter of the national organization for Personnel and Industrial Relations Administrators.

Student Accounting Society (SAS) (1976), a departmental organization to assist members in acquiring contact with professionals in the accounting field and to broaden the members' practical knowledge in the accounting field.

Students in Free Enterprise (SIFE) (2003), an international organization for college and university students interested in developing leadership, teamwork, and communication skills through learning, practicing, and teaching the principles of free enterprise.

COLLEGE OF BUSINESS SCHOLARSHIPS

Refer to the College of Business Web site at: http://www.uwec.edu/cob/undergraduate/honors/scholarships_awards.htm for an up-to-date listing of College of Business scholarships or contact the Assistant Dean—Development and Marketing of the College of Business, Schneider 123B.

SPECIAL CURRICULAR OPTIONS

COMPREHENSIVE MAJOR: INTERNATIONAL BUSINESS (Code 850-001)

The International Business major is an interdisciplinary program. The major provides an understanding of the business world and the global economy in a manner that will enrich the business degree program. The economic and business decisions made by businesses and governments around the world have a profound impact on us. The International Business major provides students with the knowledge and skills they need to effectively compete in a global workplace. The major includes an international experience requirement that may be a study abroad, international internship, or an internationally-oriented internship with a company located in the U.S. In addition to the required courses, students will also take several elective courses in general education disciplines such as art history, anthropology, geography, history and religious studies. For many college graduates, an international business career represents images of a fast paced life filled with glamour and intrigue associated with living outside of the United States. Entry-level positions in international business for new college graduates are often in locations within the United States; mid-level positions often involve travel to other countries. Employees with the most experience or skills receive the overseas assignments, having the academic background and knowledge in international business is a criterion for selection of expatriates. Typically, four types of organizations seek individuals to work internationally: multinational corporations, international trade and economic development organizations, non-profit and humanitarian organizations, and government agencies. **Students in the College of Business are also strongly encouraged to combine the international business major with a second major and consider a double major in a functional business area such as management, marketing, accounting or finance.** The College of Business currently offers major programs in accounting, finance, management, marketing and information systems in addition to international business.

Requirements for the International Business Major

Sixty semester credits, including the BUSCORE (students will be required to test out of or complete the Business Writing Fundamentals program prior to or concurrently with Bcom 206) and 29 additional credits as listed below:

Required International Business Courses (18 credits)

Bsad 398 ¹	Internship in International Business or Study Abroad ²	3 cr.
Fin 325	International Financial Management	3 cr.
Mgmt 345	Managing Global Organizations	3 cr.
Mktg 335	International Marketing	3 cr.

One of the following courses:

Econ 351	International Economics <i>or</i>	3 cr.
Econ 353	Economics of Pacific Asia <i>or</i>	
Econ 355	Economic Development of the Third World <i>or</i>	
Econ/Las 356	Economic Development of Latin America	
Flg 300/400	Upper Division Foreign Language Course	3 cr.

Selected International Business Requirements³

(Choose any combination of at least 11 additional credits [major must total 60 credits], maximum one course per discipline; with at least 6 Upper Division credits)

Acct 405, International Accounting	3 cr.
Anth 315, 351, 355, 422, 463, AntH/Wmns 356	3 cr.
ArtH 112, 201	3 cr.
Bsad 315, International Business Law	3 cr.
Bsad 491, Selected Topics in International Business	
CJ 301, 319	3 cr.
Econ 351, 353, 355 or Econ/LAS 356	3 cr.
Flg for Business Professions Upper Division Course	
(Fren 340, Germ 315, 316, Span 306, 320, 340, 421, 440)	2-3 cr.
Geog 301, 308, 319, 321, 366	3 cr.
Hist 124, 125, 204, 252, 284, 286, 292, 304, 306, 315, 326, 360, 362	3 cr.
366, 371, 375, 376, 379, 381, 382, 383, 384, 387, 388, 389, 393 (1-5 crs.),	
Hist/LAS 311, Hist/Wmns 385	
Mgmt 343, Purchasing and Supply Chain Management	3 cr.
Pols 122, 260, 265, 321, 322, 323, 324, 327, 390, Pols/LAS 319	3 cr.
Rels 100, 304, 307, 309, 312, 314, 323	3 cr.

¹ Complete a three-credit International Business Internship at an overseas location *or* domestically with a small or large business engaged in international operations that allows the content of the internship to be international. The completion of an internship will include a written report as specified by International Business adviser.

² Complete a three-credit Upper Division Business course (other than a course that would transfer as Mgmt 345, Mktg 335, or Fin 325, one of the listed Econ courses, or the Upper Division Foreign Language Course) at a study abroad site. This course will be completed during a Winterim, Interim, or Summer in combination with an international internship (overseas or domestic).

³ A student cannot count the same course for both required and elective credits.

Students double majoring in one of the functional majors will, in addition, have to complete the following courses as listed for each functional major:

Accounting:

Required Accounting Major Courses (22 credits)

Acct 301	Intermediate Accounting I	3 cr.
Acct 302	Intermediate Accounting II	3 cr.
Acct 313	Auditing	3 cr.
Acct 314	Cost Accounting	3 cr.
Acct 321	Introduction to Income Tax	3 cr.
Acct 401	Advanced Financial Accounting	3 cr.
Acct 404	Income Tax Assistance	1 cr.
Acct 460	Accounting Technology & Applications	3 cr.

Electives in the Accounting Major

Choose any combination of at least 7 additional credits (3 courses) from the following:

Acct 305	Environmental Accounting	3 cr.
Acct 405	International Accounting	3 cr.
Acct 410	Investment & Retirement Plan Accounting	3 cr.
Acct 415	Advanced Auditing	3 cr.
Acct 417	Government and Nonprofit Accounting	3 cr.
Acct 420	Fraud Investigation	3 cr.
Acct 423	Advanced Tax Accounting	3 cr.
Acct 425	Ethics in Accounting	3 cr.
Acct 430	Accounting Systems	3 cr.
Acct 444	Profit Management and Budget	3 cr.
Acct 450	Financial Statement Analysis	3 cr.
Acct 495	Accounting Internship	1-3 cr.
Bsad 315	International Business Law	3 cr.
Bsad 491	Selected Topics in International Business	1-3 cr.
Econ 351	International Economics	3 cr.
Econ 353	Economics of Pacific Asia	3 cr.
Econ 355	Economic Development of the Third World	3 cr.

Econ 356	Economic Development of Latin America	3 cr.
Fin 325	International Financial Management	3 cr.
Mgmt 345	Managing Global Organizations	3 cr.
Mktg 335	International Marketing	3 cr.

NOTE: Students who are double majoring in International Business and Accounting will be allowed to count either Mgmt 345 or Mktg 335 (but not both) toward the elective credits required for the Accounting major.

Finance:

Required Finance Major Courses (21 credits)

Finance Foundation Courses (12 credits)

Fin 321	Financial Markets & Institutions	3 cr.
Fin 322	Investments	3 cr.
Fin 325	International Financial Management	3 cr.
Fin 327	Long Term Financial Management	3 cr.

Required Accounting Courses (minimum of 6 credits from)

Acct 301	Intermediate Accounting I	3 cr.
Acct 302	Intermediate Accounting II	3 cr.
Acct 314	Cost Accounting	3 cr.
Acct 321	Income Tax Accounting	3 cr.

Required Finance Electives (choose one course, 3 credits)

Fin 326	Short Term Financial Management	3 cr.
Fin 371	Introduction to Insurance	3 cr.
Fin 420	Cases in Financial Management	3 cr.
Fin 424	Portfolio Management	3 cr.
Fin 425	Commercial Bank Management	3 cr.
Fin 429	Personal Financial Planning	3 cr.

Electives in the Finance Major

Choose any combination of at least **8 additional credits** (3 courses) from the following:

Acct 401	Advanced Financial Accounting	3 cr.
Bsad 315	International Business Law	3 cr.
Bsad 491	Selected Topics in International Business	1-3 cr.
Econ 318	Business Fluctuations	3 cr.
Econ 351	International Economics	3 cr.
Econ 353	Economics of Pacific Asia	3 cr.
Econ 355	Economic Development of the Third World	3 cr.
Econ 356	Economic Development of Latin America	3 cr.
Fin 326	Short Term Financial Management	3 cr.
Fin 371	Introduction to Insurance	3 cr.
Fin 420	Cases in Financial Management	3 cr.
Fin 424	Portfolio Management	3 cr.
Fin 425	Commercial Bank Management	3 cr.
Fin 429	Personal Financial Planning	3 cr.
Fin 495	Finance Internship	1-3 cr.
Mgmt 345	Managing Global Organizations	3 cr.
Mgmt 414	Small Business Consulting	3 cr.
Mktg 335	International Marketing	3 cr.
Mktg 337	Professional Selling	3 cr.

Note: Students who are double majoring in International Business and Finance will be allowed to count either Mgmt 345 or Mktg 335 (but not both) toward the elective credits required for the Finance major.

Information Systems:

Required Information Systems Courses (15 credits)

IS 304	Fundamentals of Business Programming	3 cr.
IS 310	Systems Analysis & Design	3 cr.
IS 344	Database Management Systems	3 cr.
IS 345	Networking with Client Operating Systems	3 cr.
IS 460	Seminar in Information Systems	3 cr.

Information Systems Major Emphasis Courses (9 credits)

Select one emphasis from the following:

I. Business Analysis Emphasis

IS 365	Security Policy Management	3 cr.
IS 411	Object-Oriented Systems	3 cr.
IS 455	Project Management	3 cr.

II. Systems Development Emphasis

IS 314	Business Software Engineering	3 cr.
IS 375	Server-based Networking & Security	3 cr.
IS 450	Distributed Systems Development	3 cr.

Information Systems Electives

5 elective credits from the list below or unchosen emphasis above:

Acct 430	Accounting Systems	3 cr.
Art 312	Computer Graphics	3 cr.
Bcom 405	Advanced Business Communications	2 cr.
CS 145	Introduction to Object-Oriented Programming (Java)	3 cr.
CS 163	Introduction to Programming in C++	3 cr.
IS 320	Internship in Information Systems I	1-3 cr.
IS 384	Advanced Design & Development	3 cr.
IS 420	Internship in Information Systems II	1-3 cr.
IS 491	Selected Topics	1-3 cr.
IS 495	Directed Studies	1-3 cr.
Mgmt 443	Process Simulation & Analysis	3 cr.

Others as approved by Information Systems Chair.

Management:

Required Management Courses (15 credits)

Acct 312	Managerial Accounting <i>or</i>	3 cr.
Acct 314	Cost Accounting	
Bsad 380	Applied Quantitative Methods	3 cr.
Mgmt 349	Human Resource Management	3 cr.
Mgmt 200	Developing the Leader within You <i>or</i>	3 cr.
Mgmt 446	Organizational Change & Development	

One of the following courses:

Mgmt 342	Quality Management <i>or</i>	3 cr.
Mgmt 343	Purchasing & Supply Chain Management <i>or</i>	
Mgmt 441	Service Operations Management <i>or</i>	
Mgmt 442	Production Planning & Control	

Selected Management Requirements

(Choose any combination of at least **14 additional credits** from the following)

Bcom 306 ²	Advanced Business Writing	2 cr.
Bcom 307 ²	Advanced Business Presentations	2 cr.
Bcom 405 ²	Advanced Business Communications	2 cr.
Fin 325 ⁵	International Financial Management	3 cr.
Mgmt 200 ⁴	Developing the Leader within You	3 cr.
Mgmt 342 ⁴	Quality Management	3 cr.
Mgmt 343 ⁴	Purchasing & Supply Chain Management	3 cr.
Mgmt 345	Managing Global Organizations	3 cr.
Mgmt 398	Internship Program I	1-3 cr.
Mgmt 399 ¹	Independent Study Projects	1-4 cr.
Mgmt 414	Small Business Consulting	3 cr.
Mgmt 441 ⁴	Service Operations Management	3 cr.
Mgmt 442 ⁴	Production Planning & Control	3 cr.
Mgmt 443	Process Simulation & Analysis	3 cr.
Mgmt 445	Compensation Theory & Administration	3 cr.
Mgmt 446 ⁴	Organizational Change & Development	3 cr.
Mgmt 452	Master Planning of Resources	1 cr.
Mgmt 455	Industrial Relations	3 cr.
Mgmt 459	Advanced Human Resource Management	2 cr.
Mgmt 461	Lean Manufacturing Systems and Concepts	3 cr.
Mgmt 492	Topics in Human Resource Management	1-3 cr.
Mgmt 493	Topics in Operations Management	1-3 cr.
Mgmt 494	Topics in Leadership	1-3 cr.
Mgmt 499 ¹	Independent Study Projects	1-4 cr.

Mktg 335 ⁵	International Marketing	3 cr.
Mktg 432 ³	Retail Management	3 cr.
Mktg 433 ³	Sales Management	3 cr.

¹ With at most 3 credits from Mgmt 399, 499

² With at most one course from Bcom 306, 307, 405

³ With at most one course from Mktg 432, 433

⁴ If a Mgmt course is selected as a "required" option (see above) it may **not** be considered an elective as well. (e.g., Mgmt 200, Mgmt 343)

⁵ Only students who are double majoring in International Business and Management will be allowed to count **either Fin 325 or Mktg 335** (but not both) toward the **elective credits** required for the **Management major**.

Marketing:

Required Marketing Courses (18 credits)

Acct 312	Managerial Accounting <i>or</i>	3 cr.
Acct 314	Cost Accounting	
Bsad 380	Applied Quantitative Methods	3 cr.
Mktg 331	Buyer Behavior	3 cr.
Mktg 334	Marketing Research	3 cr.
Mktg 338	Marketing Analytics and Technology	3 cr.
Mktg 438	Marketing Management	3 cr.

Selected Marketing Requirements

(Choose any combination of at least **11 additional credits** from the following)

Bcom 306 ¹	Advanced Business Writing	2 cr.
Bcom 307 ¹	Advanced Business Presentations	2 cr.
Bcom 405 ¹	Advanced Business Communications	2 cr.
Fin 325 ³	International Financial Management	3 cr.
Mgmt 343 ²	Purchasing & Supply Chain Management	3 cr.
Mgmt 345 ³	Managing Global Organizations	3 cr.
Mgmt 441 ²	Service Operations Management	3 cr.
Mktg 332	Marketing Communications & Promotion Analysis	3 cr.
Mktg 335	International Marketing	3 cr.
Mktg 337	Professional Selling	3 cr.
Mktg 432	Retail Management	3 cr.
Mktg 433	Sales Management	3 cr.
Mktg 491	Selected Topics in Marketing	1-3 cr.

¹ With at most two courses from Bcom 306, 307, 405. The marketing faculty recommends the Advanced Business Communication Certificate for marketing majors.

² With at most one course from Mgmt 343, 441.

³ Only students who are double majoring in International Business and Marketing will be allowed to count **either Fin 325 or Mgmt 345** (but not both) toward the **elective credits** required for the **Marketing major**.

International Business Minor

The International Business Minor is designed to enable students to enhance their perspective of the business environment as a global, rather than local, enterprise. Completion of the minor should add value to any major at UW-Eau Claire.

The minor requires foreign language competence at the 201 level and either a semester studying abroad or an international internship. Advanced business courses taken during a study abroad semester will replace the directed study or independent study options listed below.

This minor was designed to complement the UW-Eau Claire Global Studies Minor and to enhance all majors at UW-Eau Claire. Dr. Rama Yelkur (Schneider 300F) and Ms. Abbie Windsor (Schneider 119) are the advisers for students seeking the International Business minor. The minor requires students to meet College of Business admission requirements.

MINOR: International Business (Code 740-411)

Required Courses (12 credits of the following):

Fin 325, International Financial Management
Mgmt 345, Managing Global Organizations
Mktg 335, International Marketing
Econ 351 or 353 or 355 or Econ/LAS 356

Foreign language competence at the 201 level is required for completion

of the minor. Students may choose to either take 201 as an elective or test out of foreign language at the 201 level.

Elective Courses: Twelve credits from the following (maximum one course per discipline with at least six of the twelve credits being from the 300/400 level):

Acct 405, International Accounting
Anth 315, 351, 355, 422, 463, Anth/Wmns 356
Arth 112, 201
Bsad 315, International Business Law
Bsad 491, Selected Topics in International Business
CJ 301, 319
Econ 351, 353, 355; Econ/LAS 356
Up to four credits of foreign language at the 201 level or higher.
Geog 301, 308, 319, 321, 366
Hist 124, 125, 204, 252, 284, 286, 292, 304, 306, 315, 326, 360, 362, 366,
371, 375, 376, 379, 381, 382, 383, 384, 387, 388, 389, 393 (1-5 crs.),
Hist/LAS 311; Hist/Wmns 385
Mgmt 343, Purchasing and Supply Chain Management
Pols 122, 260, 265, 321, 322, 323, 324, 327, 390, Pols/LAS 319
Rels 100, 304, 307, 309, 312, 314, 323
Total: 24 credits

International Business Certificate

The **Certificate in International Business** is designed to enhance the bachelor's degree for any student at UW-Eau Claire. Students for whom studying abroad or an international internship are not options can complete the 12 credit certificate and add valuable insights into the global business environment.

The Certificate was designed by participating faculty in the UW-Eau Claire College of Business, the Business Advisory Council, and the International Business Advisory Council. It is designed to complement the UW-Eau Claire Global Studies minor, and to enhance all majors at UW-Eau Claire.

Dr. Rama Yelkur (Schneider 300F) and Ms. Abbie Windsor (Schneider 119) are the advisers for students seeking the Certificate in International Business. The Certificate requires students to meet College of Business admission requirements.

Certificate: International Business

Required Courses:(Nine credits of the following):

Fin 325, International Financial Management
Mgmt 345, Managing Global Organizations
Mktg 335, International Marketing

Elective Courses: Three-four credits from the following (maximum one course per discipline):

Acct 405, International Accounting
Anth 315, 351, 355, 422, 463, Anth/Wmns 356
Arth 112, 201
Bsad 315, International Business Law
Bsad 491, Selected Topics in International Business
CJ 301, 319
Econ 351, 353, 355; Econ/LAS 356
Up to four credits of Foreign Language
Geog 301, 308, 319, 321, 366;
Hist 124, 125, 204, 252, 284, 286, 292, 304, 306, 315, 326, 360, 362, 366,
371, 375, 376, 379, 381, 382, 383, 384, 387, 388, 389, 393 (1-5 crs.),
Hist/LAS 311; Hist/Wmns 385
Mgmt 343, Purchasing and Supply Chain Management
Pols 122, 260, 265, 321, 322, 323, 324, 327, 390; Pols/LAS 319
Rels 100, 304, 307, 309, 312, 314, 323
Total 12 credits

INTERDISCIPLINARY MAJOR

COMPREHENSIVE MAJOR: ECONOMICS, Business (Code 360-002)

A Bachelor of Business Administration degree with a comprehensive major in economics consists of the Basic Business Core in the College of Business, completion of Econ 103, Econ 104, Econ 303, Econ 304, and Econ 321; Math 246, and electives from the following courses, bringing the total to 60 semester credits; Econ 308, Econ 311, Econ 315, Econ 316, Econ 318, Econ 322, Econ 325, Econ 331, Econ 335, Econ 351, Econ 353, Econ 355, Econ 371, Econ 375, Econ 399, Econ 491, Econ 492, Econ 494, Econ 495, Econ 496, Econ 498, Econ 499; Fin 322, Fin 327; and no more than one course from the Following: Econ 268, Econ 280, Econ 330; Econ 356/LAS 356; Econ 337/Wmns 337, Econ 357/Wmns 357.

All students with a major in economics must complete a capstone paper during the year prior to graduation. Contact the department office for information on capstone requirements and options.

NOTE 1: Math 111 or Math 114, or their equivalent must be completed as part of the General Education requirements.

NOTE 2: Students in this major must meet College of Business admission standards before they may register for upper-division (300-400 level) courses offered by the College of Business (see College of Business, Admission).

NOTE 3: A maximum of six credits earned in Econ 399, 494, 495, 496, 498, and/or 499 may count toward the major.

MASTER OF BUSINESS ADMINISTRATION GRADUATE DEGREE PROGRAM

The College of Business offers a Master of Business Administration degree to those seeking a graduate degree in business. The program is designed to give students a broad practical understanding of business and the dynamic global environment in which it operates. Students in the program develop the skills and entrepreneurial spirit needed to manage change and recognize the opportunities it creates. In addition, students learn guidelines for evaluating situations in an ethical and socially responsible manner.

GRADUATE PROGRAM REQUIREMENTS

The MBA program consists of the following:

- *A Required Core* of study (MBA 711—Managing Ongoing Operations, MBA 712—Developing New Products and Services, MBA 713—Strategic Competitiveness in a Global Environment, and MBA 714—Leading the Organization of the Future) totaling 16 credits.
- *Also Required* MBA 733—Understanding a Diverse Work Force, one credit; MBA 715—Leadership, one credit; and *Electives*, 12 credits.
- *One Professional Development Option*. Students complete one of the following: Course work, Directed Project, or Thesis.

Students who select the Course work Option complete 12 credits of electives. Students who select the Directed Project complete a three-credit field project and nine credits of electives. Students who select the Thesis Option complete a three-credit thesis and nine credits of electives. They graduate from the MBA program with a minimum of 30 credits.

A maximum of six credits of dual-numbered courses may be substituted for Electives. Additional information about Electives and dual numbered courses is available in the College of Business MBA Program office (Schneider 215).

MBA PROGRAM COURSE PREREQUISITES

Individuals must complete the following MBA program course prerequisites prior to receiving full admission status in the MBA program:

- Algebra for Calculus
- Elementary Statistics
- Information Systems in Business
- Operations Management
- Organizational Behavior
- Principles of Accounting I and II
- Principles of Finance
- Principles of Macroeconomics
- Principles of Microeconomics
- Principles of Marketing

Course prerequisites may be satisfied by taking either graduate course work, undergraduate course work, or a combination of both from an institution accredited by the Association to Advance Collegiate Schools of Business (AACSB International). Individuals who have completed course prerequisites at a non-AACSB International institution, may request a special course review by members of the UW-Eau Claire MBA faculty or complete validation examinations.

THE MBA FOUNDATION PROGRAM

The MBA Foundation Program is a graduate-level program that enables students to complete MBA prerequisite courses at an accelerated pace. Most courses are two credits and run for eight weeks. Courses are offered via web-based courseware and are taught by qualified University of Wisconsin faculty from the University of Wisconsin MBA Consortium (University of Wisconsin-Eau Claire, University of Wisconsin-La Crosse, University of Wisconsin-Oshkosh, University of Wisconsin-Parkside). The graduate business program at each of the four schools is accredited by the Association to Advance Collegiate Schools of Business (AACSB International). For more information, contact the MBA Program office (Schneider 215) or visit the Web site at www.wisconsinlinemba.org.

MBA Foundation Courses

- Acct 703 Accounting Foundations for Business Decisions
- Acct 704 Accounting Foundations for Management Decisions
- Econ 703 Microeconomics Foundation
- Econ 704 Macroeconomics Foundation
- Fin 720 Foundations of Managerial Finance
- IS 740 Managing Information Technology Foundation
- Math 109 Algebra for Calculus
- Math 246 Elementary Statistics *or*
- Bsad 702 Statistical Analysis Foundation
- Mgmt 740 Organizational Management Foundation
- Mgmt 741 Operations Foundation
- Mktg 730 Marketing Analysis Foundation

Foundations of Business Certificate. A 13-credit certificate is offered for those without an undergraduate degree in business who are completing their business course prerequisites. Courses in the certificate program can be applied towards the MBA program course prerequisites. Seven credits must be completed from: Acct 703 and 704, Mktg 730 and Mgmt 740. Six additional credits must be selected from the following: Econ 703 and 704, IS 740, Mgmt 741 and Bsad 702. Students should contact the MBA Office to begin the certificate.

Undergraduate Course Prerequisites. Students may complete MBA Program course prerequisites through enrollment in undergraduate courses at UW-Eau Claire or any other AACSB International accredited institution. All undergraduate course work must be completed with a grade of C (2.00) or above.

- Acct 201 Principles of Accounting I
- Acct 202 Principles of Accounting II
- Econ 103 Principles of Microeconomics
- Econ 104 Principles of Macroeconomics
- Fin 320 Principles of Finance
- IS 240 Information Systems in Business
- Math 109 Algebra for Calculus
- Math 246 Elementary Statistics
- Mgmt 340 Organizational Behavior
- Mgmt 341 Operations Management
- Mktg 330 Principles of Marketing

Courses taken at other institutions will be evaluated for equivalency with the above courses only if taken at a regionally accredited college or university.

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, (2) present a satisfactory Graduate Management Admission Test (GMAT) or equivalent Graduate Record Exam (GRE) score, and (3) successfully complete all MBA Program Course Prerequisites.

Students may apply for admission at anytime during the year. A candidate for admission must submit to the office of Admissions, at least 45 days prior to the anticipated date of enrollment, the following documents:

- (1) a completed application form accompanied by payment of a \$56 non-refundable application fee;
- (2) a completed Graduate Residence Information Sheet;
- (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.

ADMISSION STATUS

Students enrolled in the MBA program will be classified according to the criteria outlined below.

FULL STANDING

Qualification as a student in full standing requires the following:

- (1) a cumulative GPA in all undergraduate course work of 2.75 or higher (A = four points);
- (2) an acceptable score on the GMAT or GRE;
- (3) successful completion of all MBA Program Course Prerequisites.

CONDITIONAL STATUS

Conditional status may be granted to a student who (1) has not satisfactorily completed all MBA Program Course Prerequisites, or (2) has not submitted a satisfactory score on the GMAT or GRE, or (3) is currently completing a baccalaureate degree at UW-Eau Claire and has been permitted to enroll in courses for graduate credit, or (4) has not submitted all credentials required for evaluation prior to first registration.

Conditional students will not be allowed to register for MBA modules, the electives/dual-numbered courses, thesis, or the directed project until they gain full standing. An exception to this is when an undergraduate student who is currently enrolled at UW-Eau Claire and has satisfactorily completed all foundation course work, received a satisfactory score on the GMAT or GRE, and obtains a written recommendation from their adviser, department chair, and MBA program director will be permitted to enroll in the MBA graduate program for a limited time.

SATISFACTORY ACADEMIC PROGRESS

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

A 3.00 overall GPA in courses counting toward the MBA is required for graduation. A course in which a grade of less than C is earned will not be counted toward the 30-credit MBA minimum, but will be computed in the GPA. A maximum of six credits of C work will be accepted.

A student earning a grade of D or F in a graduate level course will be dropped from the program regardless of whether the course was taken at UW-Eau Claire or at another college or university. The student may petition for readmission to the program by writing to the director of the MBA program. For additional information contact the MBA office, Schneider 215, (715) 836-6019.

Accounting and Finance

SCHNEIDER SOCIAL SCIENCE 400A
(715) 836-2184
www.uwec.edu/acctfin

D'ARCY BECKER, CHAIR

MARK ALFUTH, RAJARSHI AROSKAR, SHERIL GILBERSTADT, JAY HOLMEN, NAN HU, RAYMOND HUGHES, KRISTOPHER KEMPER, DENNIS KNUTSON, LING LIU, THOMAS MIHAJLOV, WILLIAM MILLER, KRISTIAN MORTENSON, WILLIAM OGDEN, AIMEE PERNSTEINER, ROGER SELIN, PEDRO SOTILLE, INGRID ULSTAD.

Accounting is the field of study which focuses on developing and providing financial information about businesses, including information about the cost of products manufactured or services provided, and about governmental and not-for-profit organizations. This information is used by internal and external decision makers and other stakeholders of the organization. The accounting program is designed to provide the student depth of knowledge in accounting and business, and to help develop communication, interpersonal, and critical thinking skills. These skills are highly valued by organizations seeking to employ accountants. Careers in accounting include public accounting, financial accounting, managerial accounting, internal auditing, and tax accounting.

Finance is the field of study which focuses on managing the finances of firms, financial institutions, and individuals. Careers in finance include corporate financial officer, banker, stockbroker, financial analyst, portfolio manager, investment banker, financial consultant, and personal financial planner.

The Department of Accounting and Finance offers a 60-credit comprehensive major in Accounting. The Department also offers a comprehensive major in Finance. Minors in Accounting, Audit and Control, and Finance are also available.

CREDIT BY EXAMINATION

Credit may also be obtained for courses offered by the Department of Accounting and Finance by successfully passing a comprehensive examination with a grade of C or above.

SATISFACTORY/UNSATISFACTORY OPTION

Courses may not be taken under the Satisfactory/Unsatisfactory option except as noted under Special Course Options in the College of Business section of this catalog.

Department of Accounting and Finance Scholarships

Refer to the College of Business Web site at: www.uwec.edu/cob/undergraduate/honors/scholarships_awards.htm for an up-to-date listing of Department of Accounting and Finance scholarships, or contact the department chairperson, Schneider 400A.

NOTICE: ALL STUDENTS GRADUATING WITH A MAJOR FROM THE DEPARTMENT OF ACCOUNTING AND FINANCE MUST COMPLETE MATH 111, A SHORT COURSE IN CALCULUS, OR ITS EQUIVALENT.

COMPREHENSIVE MAJOR: ACCOUNTING (Code 720-006)

This major provides an all-inclusive program which will enable the graduate to pursue entry-level accounting positions. Graduates with this major are eligible to take the examinations for the Certified Management Accountant (CMA) and Certified Internal Auditor (CIA) designations.

In order to take the Certified Public Accountant (CPA) exam in Wisconsin, a graduate must have 150 credits which include an accounting major. All licensing jurisdictions also have laws requiring 150 credits in order to take the CPA exam.

ACCOUNTING AND FINANCE

Many employers of entry-level accountants require 150 credits of accounting course work, including an accounting major. Students should work closely with their faculty advisers to determine the best course of study to reach their educational and career goals.

NOTE 1: In order to graduate with a degree in accounting, majors must achieve a grade of C- or above in all accounting courses, and a minimum 2.50 overall GPA in all courses applicable to the major.

NOTE 2: Acct 312 CANNOT be taken by accounting majors.

NOTE 3: It is recommended that students obtain the Advanced Business Communication Certificate. See this catalog or your adviser for details.

NOTE 4: All candidates for the baccalaureate degree must satisfactorily complete 30 or more hours of curricular, extracurricular, or co-curricular service-learning. At least one-half of this can be achieved through participation in the Volunteer Income Tax Assistance program administered by the Student Accounting Society/Beta Alpha Psi. Other opportunities exist to receive service-learning credits through the Student Accounting Society/Beta Alpha Psi and some accounting classes. Students may earn credit for service-learning projects through Acct 210. Consult an adviser for details.

Sixty semester credits, including the BUSCORE (31 credits), plus:

Accounting Core Courses	Acct 301	Acct 314	Acct 404
	Acct 302	Acct 321	Acct 460
	Acct 313	Acct 401	
Accounting Electives	minimum of seven credits from:		
	Acct 305	Acct 417	Acct 430
	Acct 405	Acct 420	Acct 444
	Acct 410	Acct 423	Acct 450
	Acct 415	Acct 425	Acct 495

150-HOUR REQUIREMENT

All licensing jurisdictions, including Wisconsin, have adopted legislation that will require 150 semester hours of university credit in order to sit for the CPA examination. The law states 150 credits of college or university courses which include an Accounting major or its equivalent are required in order to take the exam.

To meet the 150 semester hour requirement, students have options at the undergraduate level including a second major, adding a minor, or completing one of the undergraduate certificates.

MINOR: ACCOUNTING

(Code 720-403)

Twenty-four semester credits including Acct 201, 202, 301, 314, 321. The remaining credits selected from Acct 302, 313, 415, 417, 425, 444. The minor has been designed to provide a general understanding of accounting and its role in society.

NOTE 1: A 2.00 or higher GPA in courses counting toward a minor is required.

NOTE 2: Students selecting this minor must satisfy the College of Business admission requirements prior to enrollment in 300/400 numbered courses in the College of Business.

NOTE 3: A student also completing a major in the College of Business must complete 12 credits that are unique to this minor; Econ 103, 104, and Math 246 will not count as unique credits for this minor.

MINOR: AUDIT AND CONTROL (Code 720-404)

Twenty-seven semester credits including: Acct 301, 302, 313, 430; either Acct 420 or Acct 435; IS 304, 310 and either IS 290 or IS 344; either CS 145 or CS 163.

NOTE 1: A 2.00 or higher GPA in courses counting toward a minor is required.

NOTE 2: Students selecting this minor must satisfy the College of Business admission requirements prior to enrollment in 300/400-numbered courses in the College of Business.

NOTE 3: Students must earn 12 credits unique to this minor.

NOTE 4: We recommend students complete IS 304 prior to taking either CS programming course.

COMPREHENSIVE MAJOR: BUSINESS FINANCE

Sixty semester credits, including the BUSCORE (31 credits); plus:

	Finance (Code 800-000)
Finance Foundation Core	Fin 321 Fin 322 Fin 325 Fin 327
Required Accounting Courses	minimum of six credits from: Acct 301, 302, 314, 321
Additional Required Finance Courses	minimum of six credits from: Fin 326, 371, 420, 424, 425, 426, 429
Elective Courses	minimum of three credits from: Fin 310, 326, 371, 410, 420, 424, 425, 426, 429, 495; Econ 318; Acct 401; Mgmt 414; Mktg 337
Additional Required Credits	2 credits of BUS at the 300 level or above

MINOR: BUSINESS FINANCE (Code 800-401)

Twenty-seven semester credits, including Acct 201, 202; Econ 103, 104; Fin 320; IS 240; Math 246; and six credits from Fin 321, 322, 325, 326, 328, 420, 424, 425.

NOTE 1: Students selecting this minor must satisfy the College of Business admission requirements prior to enrollment in 300/400 numbered courses in the College of Business.

NOTE 2: A student also completing a major in the College of Business must complete 12 credits that are unique to this minor; Econ 103, 104 and Math 246 will not count as unique credits for this minor.

Departmental Honors Program in Accounting

Objectives:

- To provide outstanding students in accounting with opportunities for academic enrichment and challenge beyond usual course coverage and requirements.
- To encourage more faculty-student scholarly interaction, including research collaboration.
- To encourage and allow outstanding students to pursue projects that require an understanding of relationships between different areas of accounting.

Eligibility:

Upper-class accounting majors with resident, overall, and major GPAs of 3.50 or higher. Completion of Accounting 302 and admission to the College of Business.

Procedure:

Students will be invited to apply for participation in the Departmental Honors Program by instructors during a student's enrollment in Accounting 302 or by a faculty adviser after completion of Accounting 302. Students may apply without an invitation from a faculty member, but must obtain a letter of support from a faculty member. An application must be submitted to the department chair. The application should be submitted prior to the student's last two semesters of study. The application form should outline the student's plan to complete department honors.

Requirements:

At graduation, the student must have resident, overall, and major GPAs of 3.50 or higher. In addition, the student must submit evidence that two of the following have been satisfactorily completed:

- Participation in a faculty/student collaborative accounting research project,

2. Presentation of a research project off campus (at a conference),
3. Completion of an accounting project designed and executed under the guidance of an accounting faculty member (may include projects for community members or local companies),
4. Completion of an internship in accounting, or
5. Acceptance of an accounting paper in a peer-reviewed journal.

Departmental Honors Program in Finance

Objectives:

1. To provide outstanding students in finance with opportunities for academic enrichment and challenge beyond usual course coverage and requirements.
2. To encourage more faculty-student scholarly interaction, including research collaboration.
3. To encourage and allow outstanding students to pursue projects that require an understanding of relationships between different areas of finance.

Eligibility:

Upper-class finance majors with resident, overall, and major GPAs of 3.50 or higher. Completion of Fin 320 and admission to the College of Business.

Procedure:

Students will be invited to apply for participation in the Departmental Honors Program by instructors during a student's enrollment in Finance 321 and/or 322 or by a faculty adviser after completion of Finance 321 and/or 322. Students may apply without an invitation from a faculty member, but must have a letter of support from a faculty member. An application must be submitted to the department chair. The application should be submitted prior to the student's last two semesters of study. The application form should outline the student's plan to complete department honors.

Requirements:

At graduation, the student must have resident, overall, and major GPAs of 3.50 or higher. In addition, the student must submit evidence that two of the following have been satisfactorily completed:

1. Participation in a faculty/student collaborative finance research project,
2. Presentation of a research project off campus (at a conference),
3. Completion of a finance project designed and executed under the guidance of a finance faculty member (may include projects for community members or local companies),
4. Completion of an internship in finance,
5. Completion of the first exam for the CFA exam with a passing score, or
6. Acceptance of a finance paper in a peer-reviewed journal.

ACCT

ACCT 201 Principles of Accounting I

3 crs. • F, Sp, Su • P: Eligible for MATH 104, 106, 108, 109, 111, 112, 113, 114, 184, 246.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Not recommended for freshmen. Recommended completion of MATH 109 prior to enrollment in ACCT 201.

An introduction to the principles and practices of accountancy applied to business organizations. Emphasis is on the uses of accounting information in decision-making by internal and external users.

ACCT 202 Principles of Accounting II

3 crs. • F, Sp, Su • P: Completion of ACCT 201 with a grade of C- or higher.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• May not be taken concurrently with ACCT 201.

ACCT 202 is a continuation of ACCT 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.

ACCT 210 Service-Learning in Accounting

1 cr. • F, Sp, Su • SL-Half • May be repeated for a maximum of 2 credits • S/U Only Grade Basis • Instructor Consent Required

• No credit toward accounting major.

Students must complete a minimum of 15 hours of volunteer service. Service must be approved by faculty supervisor. A journal must be kept throughout project documenting service-learning project. The service-learning project must be completed within one calendar year (preferably one semester). Assignments outstanding longer than this will be graded unsatisfactory.

ACCT 301/501 Intermediate Accounting I

3 crs. • F, Sp • P: ACCT 202. Admission to College of Business is required or consent of instructor. Limited to accounting majors and minors, and finance majors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ACCT 302/502 Intermediate Accounting II

3 crs. • F, Sp • P: ACCT 301/501. Admission to College of Business is required or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Development and implementation of the conceptual and practical aspects of valuation and income determination, with emphasis on intangible assets, retained earnings and contributed capital, earnings per share, pensions, leases, tax allocation, current and long-term liabilities, statement of cash flows, statement analysis, interim and segment reporting. Special emphasis on GAAP as it relates to topics being covered.

ACCT 305/505 Environmental and Sustainability Accounting

3 crs. • V • P: ACCT 202. Admission to College of Business required. See current catalog for College of Business admission criteria. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An introduction to environmental accounting and its role in financial/managerial accounting. Topics include environmental liabilities, sustainability reporting, external agencies, and the attest function, socially responsible investing, emissions trading, tax considerations, and eco-efficiency indicators.

ACCT 312 Managerial Accounting

3 crs. • F, Wi, Sp, Su • P: ACCT 202, IS 240. Credit may only be earned in either ACCT 312 or ACCT 314. Admission to College of Business required. See current catalog for College of Business admission criteria. Not open to accounting and finance majors. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• No credit toward accounting majors. This course requires access to a laptop computer which can be brought to class when required.

Analysis and interpretation of accounting data approached from the managerial viewpoint, with emphasis on planning and control, and decision-making.

ACCT 313/513 Auditing

3 crs. • F, Sp • P: ACCT 302/502. Admission to College of Business required. See current catalog for College of Business admission criteria. Open only to accounting majors and minors. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This course requires access to a laptop computer which can be brought to class when required.

Basic coverage of all steps in creating audit programs according to the audit risk model, and current issues in auditing. Specific coverage includes company risk evaluation, internal control, company analysis, and audit reporting.



ACCOUNTING AND FINANCE

ACCT 314/514 Cost Accounting

3 crs. • F, Sp • P: ACCT 202, IS 240. Credit may only be earned in either ACCT 312 or ACCT 314. Admission to College of Business required. See current catalog for COB admission criteria. Limited to accounting majors, minors; and finance majors, minors. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ACCT 320 Individual Income Tax

3 crs. • V

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Should not be taken by those required to complete ACCT 321 and ACCT 322.

Introduction to the determination of taxable income of individuals, with emphasis on the reporting of tax data.

ACCT 321/521 Introduction to Income Tax

3 crs. • F, Sp • P: ACCT 202. Limited to accounting majors and minors, and finance majors. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Introduction and application of accounting and legal concepts underlying federal and Wisconsin income tax laws applicable to gross income, exclusions, business and non-business deductions, gains and losses, credits, and tax computations.

ACCT 334/534 Advanced Cost Accounting

3 crs. • V • P: ACCT 314/514

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A continuation of ACCT 314/514, with special emphasis on managerial profit analysis, planning, and control; direct costs, distributed costs by-product and joint product costs; differential and comparative costs, and variances.

ACCT 401/601 Advanced Financial Accounting

3 crs. • F, Sp, Su • P: ACCT 302/502. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB admission criteria. Minimum senior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ACCT 402/602 Contemporary Issues in Accounting

3 crs. • V • P: ACCT 401/601. ACCT 313/513 or concurrent enrollment. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An analysis of advanced accounting issues designed to provide a bridge between accounting "theory" and "practice".

ACCT 404/604 Income Tax Assistance

1 cr. • Sp • SL-Half • May be repeated for a maximum of 2 credits • P: ACCT 321. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB admission criteria. Minimum senior standing. • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 4

Course provides students with instruction in state and federal personal income taxes in conjunction with the IRS/Volunteer Income Tax Assistance program. Students will prepare income tax returns at various sites on and off campus.

ACCT 405/605 International Accounting

3 crs. • Sp • P: ACCT 302. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB admission criteria. Minimum senior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ACCT 409/609 Seminar in Accounting

1-3 crs. • V • A-F Grades Only • P: Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB admission criteria. Minimum senior standing.

Lecture/Discussion Hours: 1-3 | Lab/Studio Hours: 0

An in-depth analysis of relevant accounting topics adapted to student and program needs with emphasis on student interests and faculty expertise.

200

ACCT 410/610 Investment and Retirement Plan Accounting

3 crs. • V • P: ACCT 302 and 321. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB admission criteria. Minimum senior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Coverage of investment planning and advising for clients, retirement plan accounting, and tax considerations in retirement planning.

ACCT 415/615 Advanced Auditing and Consulting

3 crs. • V • P: ACCT 313/513. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB admission criteria. Minimum senior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This course requires access to a laptop computer which can be brought to class when required. In-depth analysis of current audit topics and research, including legal liability, operational audits, audit effectiveness, environmental costs, and statistical sampling. Concentration includes EDP auditing.

ACCT 417/617 Governmental and Nonprofit Organization Accounting

3 crs. • Sp • P: ACCT 302. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB admission criteria. Minimum senior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ACCT 419/619 Financial Accounting Theory

3 crs. • V • P: ACCT 302/502. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB admission criteria. Minimum senior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

In-depth analysis of several selected problems of contemporary interest in the areas of valuation and income determination as related to the broader topics of concepts of income and formulation of accounting theory, with extensive readings of the Financial Accounting Standards and professional journal articles.

ACCT 420/620 Fraud Investigation and Prevention

3 crs. • F • P: ACCT 302 and 313. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB admission criteria. Minimum senior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This course requires access to a laptop computer which can be brought to class when required. Coverage of fraud methods, fraud investigation, and fraud prevention through internal controls. Emphasis on financial and asset misappropriation frauds.

ACCT 423/623 Advanced Tax Accounting

3 crs. • F • P: ACCT 321/521. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB admission criteria. Minimum senior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Federal income taxation of entities including C corporations, S corporations, partnerships, trusts, and estates. Federal, estate, and gift taxation. Business and family tax planning.

ACCT 425/625 Ethics in Accounting

3 crs. • F • P: ACCT 302 and 313. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB admission criteria. Minimum senior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ACCT 430/630 Accounting Systems

3 crs. • F, Sp • P: ACCT 302. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog. Limited to accounting majors and minors and IS majors and minors. Minimum senior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This class requires access to a laptop computer which can be brought to class when required. Analysis, design, and documentation of accounting systems; includes transaction processing, internal accounting controls, data management, flowcharting, financial reporting, various types of technology, and ethical issues.

ACCT 435/635 Advanced Accountings Systems and EDP Auditing

3 crs. • V • P: ACCT 430. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB admission criteria. Minimum senior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This class requires access to a laptop computer which can be brought to class when required.

This course provides an integrated accounting and information systems experience by using information systems knowledge to address accounting issues of internal control and computer auditing.

ACCT 444/644 Profit Management and Budgetary Control

3 crs. • F • P: ACCT 302 and 314/514. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB admission criteria. Minimum senior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This course requires access to a laptop computer which can be brought to class when required.

Theory and procedures for profit planning; financial and operating budgets as managerial devices in coordination and control; program and operational budgeting and cost analysis.

ACCT 450/650 Financial Statement Analysis

3 crs. • F, Sp • P: ACCT 302 and 321. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB admission criteria. Open only to accounting majors and minors. Minimum senior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An in-depth study of the techniques of financial statement analysis. Topics will include ratio analysis, liquidity analysis, capital structure analysis, and profitability analysis.

ACCT 460/660 Accounting Technology and Applications

3 crs. • F, Sp • P: ACCT 302, 314, and 321. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Minimum senior standing. Open only to accounting majors and minors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This class requires access to a laptop computer which can be brought to class when required.

An overview of technology as it relates to the practice of accounting. Possible topics include enterprise accounting systems, small business accounting packages, tax preparation packages, cost analysis packages, and spreadsheet and database applications in accounting.

ACCT 490 Accounting Honors Seminar

1 cr. • V • P: Admission to College of Business required. See current catalog for College of Business admission criteria. • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

An in-depth analysis of relevant accounting topics adapted to student needs with emphasis on understanding relationships between different areas of accounting.

ACCT 495 Accounting Internship

1-3 crs. • F, Wi, Sp, Su • Special Course Fee Required; IN • May be repeated for a maximum of three credits • A-F Grades Only • P: ACCT 302/502. Limited to accounting majors admitted to the College of Business. Minimum junior standing. • Department Consent Required

• A maximum of three credits is allowed per semester of internship.

Internship experience in business situations relevant to the accounting major under supervision of a faculty member.

ACCT 499 Independent Study

1-3 crs. • V • May be repeated • P: ACCT 302/502. Admission to College of Business required. See current catalog for College of Business admission criteria. Minimum senior standing. • Department Consent Required

FIN**FIN 135 Personal Finance**

3 crs. • V

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

FIN 210 Service-Learning in Finance

1 cr. • F, Sp, Su • SL-Half • May be repeated for a maximum of 2 credits • S/U Only Grade Basis • 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.

FIN 310 Financial Literacy Program

1 cr. • F, Sp • SL-Half • May be repeated for a maximum of 2 credits • A-F Grades Only • P: Admission to the College of Business required. See current catalog for College of Business admission criteria. • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

Course provides students with instruction in basic financial literacy. Students will mentor clients in financial literacy. Students provide workshops and one-on-one mentoring.

FIN 320 Principles of Finance

3 crs. • F, Wi, Sp, Su • P: ECON 103 and 104, ACCT 202, and BSAD 202 or MATH 246 or MATH 346. Admission to College of Business required or mathematical major. See current catalog for College of Business admission criteria. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

FIN 321/521 Financial Markets and Institutions

3 crs. • F • P: FIN 320. Admission to College of Business required. Limited to finance majors and minors only. Minimum junior standing. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

FIN 322/522 Investments

3 crs. • Sp • P: FIN 320. Admission to College of Business required. Limited to finance majors and minors only. Minimum junior standing. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Overview of security markets. Analysis of stocks, bonds, and other securities. Evaluation of risk and return characteristics and market efficiency.

FIN 325/525 International Financial Management

3 crs. • F, Sp • P: FIN 320. Admission to College of Business required. See current catalog for College of Business admission criteria. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

FIN 326/526 Short Term Financial Management

3 crs. • V • P: FIN 320. Admission to College of Business required. Limited to finance majors and minors only. Minimum junior standing. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This course requires access to a laptop computer which can be brought to class when required.

Short term financial management includes the management of working capital accounts. Banking relations and performance analysis will complete the tools required for a financial manager.

FIN 327/527 Long Term Financial Management

3 crs. • F, Sp • P: FIN 320. Limited to finance majors/minors and mathematical majors only. Admission to College of Business required. Minimum junior standing. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This course requires access to a laptop computer which can be brought to class when required.

Long term financing and investment issues to include capital budgeting methods, cash flow determination, risk analysis, long term debt, preferred and common stock financing, and leasing.

FIN 328/528 Introduction to Derivative Securities

3 crs. • F, Sp • A-F Grades Only • P: FIN 320 and FIN 322. Admission to College of Business required. See current catalog for College of Business admission criteria. Limited to finance majors and minors. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Introduction to options, futures, and forward contracts as financial instruments used to control various types of business risk.

ACCOUNTING AND FINANCE

FIN 371 Introduction to Insurance

3 crs. • Sp • P: Admission to College of Business required. See current catalog for College of Business admission criteria. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Emphasis on the individual consumer's and risk manager's viewpoint in dealing with risk through insurance and other techniques.

FIN 399 Independent Study Projects

1-4 crs. • F, Sp, Su • P: Admission to College of Business required. See current catalog for College of Business admission criteria. Minimum junior standing. • Department Consent Required

FIN 410 Advanced Financial Literacy Program

1 cr. • F, Sp • SL-Half • May be repeated for a maximum of 2 credits • A-F Grades Only • P: FIN 310. Admission to the College of Business required. See current catalog for College of Business admission criteria. • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

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.

FIN 420/620 Corporate Valuation

3 crs. • Sp • P: FIN 327. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB admission criteria. Minimum senior standing. Limited to finance majors and minors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This course requires access to a laptop computer which can be brought to class when required.

Applications of financial management theories and tools to decisions in capital budgeting, financial structure, current asset management, etc. Application is done through use of case and computer analysis.

FIN 424/624 Portfolio Management

3 crs. • F • P: FIN 322. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB admission criteria. Minimum junior standing. Limited to finance majors and minors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

FIN 425/625 Commercial Bank Management

3 crs. • V • P: FIN or ECON 321. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB admission criteria. Minimum junior standing. Limited to finance majors and minors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

This introduction to commercial bank management includes topics on the structure of banks and issues in banking. Develops a theoretical and case oriented analysis of asset and liability management techniques.

FIN 426/626 Topics in Finance

1-3 crs. • V • May be repeated • P: Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB admission criteria. Minimum senior standing. Limited to finance majors and minors only.

Lecture/Discussion Hours: 1-3 | Lab/Studio Hours: 0

Covers a variety of advanced topics to be determined by faculty interest and student demand.

FIN 428/628 Advanced Derivative Securities

3 crs. • Sp • A-F Grades Only • P: FIN 328, MATH 215, MATH 346. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB criteria. Minimum junior standing. Limited to finance majors and minors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Quantitative analysis and pricing of derivative instruments and contracts.

FIN 429/629 Personal Financial Planning

3 crs. • V • P: Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB criteria. Limited to finance majors and minors. Minimum senior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An introduction to personal financial planning process, its component parts, importance of communication skills needed to work efficiently with clients to meet their financial goals; understand the regulatory environment and professional certifications.

FIN 434/634 Portfolio Theory

3 crs. • V • A-F Grades Only • P: FIN 424. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB criteria. Limited to finance majors and minors. Minimum senior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Introduction to portfolio theories and asset pricing models. Includes mathematical methods of asset pricing, portfolio optimization, and performance measurement and evaluation.

FIN 490 Finance Honors Seminar

1 cr. • V • P: Admission to College of Business required. See current catalog for College of Business admission criteria. Minimum senior standing. • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

An in-depth analysis of relevant finance topics adapted to student needs with emphasis on understanding relationships between different areas of finance.

FIN 495 Finance Internship

1-3 crs. • F, Wi, Sp, Su • Special Course Fee Required; IN • May be repeated for a maximum of three credits • A-F Grades Only • P: FIN 320. Limited to finance majors admitted to the College of Business. Minimum junior standing. • Department Consent Required

• A maximum of three credits is allowed per semester of internship.

Internship experience in business situations relevant to the finance major under supervision of a faculty member.

FIN 499 Independent Study Projects

1-4 crs. • F, Sp, Su • May be repeated • P: Admission to College of Business required. See current catalog for College of Business admission criteria. Minimum senior standing. • Department Consent Required



Business Communication

SCHNEIDER SOCIAL SCIENCE 404
(715) 836-4320
www.uwec.edu/bcom

PAULA LENTZ, PROGRAM DIRECTOR

JANICE CONNOLLY, EMILY ELSNER TWESME, CYNTHIA HOFACKER, KEITH STEARNS.

The Business Communication Department offers a series of courses designed to develop written and oral communication skills. These courses are structured to give students communication experience in a variety of business settings.

Business Writing (Bcom 206) and Business Presentations (Bcom 207) are the introductory business communication courses and are part of the BUSCORE. These courses provide the foundation for the advanced courses, which offer students an opportunity to further strengthen, refine, and apply their business communication skills.

BUSINESS WRITING FUNDAMENTALS PROGRAM

The Business Writing Fundamentals Program is designed to ensure that students have the basic writing skills needed to successfully complete BCOM 206 (Business Writing) as well as other COB courses. Completing this program is a requirement within the BCOM 206 course.

CERTIFICATE PROGRAM

The **Advanced Business Communication Certificate** program is a special recognition awarded to students who have completed additional course work in business communications and meet specific grade requirements. Students who earn the certificate will have the accomplishment noted on their official transcript. Students can earn the certificate by completing five of the following courses with a grade of B- or above:

- Bcom 206 - Business Writing, *or*
- Bcom 216 - Business Writing II
- Bcom 207 - Business Presentations
- Bcom 306 - Advanced Business Writing
- Bcom 307 - Advanced Business Presentations
- Bcom 308 - Technology for Business Communication
- Bcom 405 - Advanced Business Communication

Contact the Business Communication Department (Schneider 404) for more information.

Department of Business Communication Scholarships

Refer to the College of Business Web site at: www.uwec.edu/cob/undergraduate/honors/scholarships_awards.htm for an up-to-date listing of Business Communication scholarships, or contact the department program director, Schneider 400F.

BCOM

BCOM 206 Business Writing

2 crs. • F, Sp, Su • P: *Minimum sophomore standing.*
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Business Writing Fundamentals Program or concurrent enrollment. Students who earn less than a B- (B minus) in BCOM 206 must complete BCOM 216 with a grade of C or above. Learn to write emails, memos, letters, reports, and employment documents. Adapt messages to existing and emerging technologies. Analyze audiences and use effective techniques to communicate using standard grammar, mechanics, punctuation, and document format.

BCOM 207 Business Presentations

2 crs. • F, Sp, Su • P: *C J 202*
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Students who earn less than a B- (B minus) in BCOM 207 must complete BCOM 307 with a grade of C or above.

Students will learn to communicate professionally in meetings, roundtables, project teams, and individual presentations using appropriate psychology, sensitivity, and technology.

BCOM 216 Business Writing II

2 crs. • F, Sp • *No S/U Grade Option* • P: *BCOM 206*

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Students who earn less than a B- (B minus) in BCOM 206 must complete BCOM 216 with a grade of C or above.

The creation and enhancement of business documents through the application and study of problem solving strategies, analytical skills, and the principles of grammar, mechanics, and punctuation.

BCOM 306/506 Advanced Business Writing

2 crs. • F, Sp • P: *B- (B minus) or above in BCOM 206 or grade of C or above in BCOM 216.*

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Further develop your writing skills by creating formal business reports, news releases, instructions, and brochures. Explore writing for print vs. electronic environments. Develop a professional employment portfolio.

BCOM 307/507 Advanced Business Presentations

2 crs. • F, Sp • P: *C J 202; and BCOM 207, or consent of instructor. Minimum junior standing.*

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Theory and practice in making presentations in a variety of professional settings using a variety of support media. Student presentations are evaluated.

BCOM 308 Technology for Business Communication

2 crs. • F, Sp • P: *BCOM 206 and 207*

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

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.

BCOM 317/517 Administrative Management

3 crs. • V

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

BCOM 365 Executive Profile Development

2 crs.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

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.

BCOM 399 Independent Study - Juniors

1-3 crs. • F, Sp, Su • *May be repeated* • P: *Minimum junior standing. Minimum resident and total GPA 2.75. • Department Consent Required*

BCOM 405/605 Advanced Business Communications

2 crs. • F, Sp • CP • P: *BCOM 206 and 207 or consent of instructor.*

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

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.

BCOM 491 Selected Topics in Business Communication

1-3 crs. • F, Sp • *May be repeated for a maximum of 3 credits* • A-F Grades Only • P: *BCOM 206; BCOM 207. Minimum junior standing.*

Selected topics in business communication chosen because of a special interest on the part of students or faculty.

BCOM 495/695 Directed Studies

1-3 crs. • *May be repeated* • *No Auditors*

• *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.

BCOM 499 Independent Study - Seniors

1-3 crs. • F, Sp, Su • *May be repeated* • P: *Minimum senior standing. Minimum resident and total GPA of 2.75. • Department Consent Required*

Information Systems

SCHNEIDER SOCIAL SCIENCE 404
(715) 836-4320
www.uwec.edu/is

THOMAS HILTON, CHAIR

DONALD GABER, ANTHONY KEYS, JEAN PRATT, RUIDONG ZHANG.

Information Systems (IS) is the study of using computers to improve the performance of individuals and organizations. It is the theory and practice of designing, developing, and managing computer-enhanced information systems.

IS graduates have a wide variety of excellent career prospects. Systems analyst, web developer, application software engineer, project manager, digital network manager, and database administrator are just a few of the prestigious and well-paid positions available to them.

Because IS is in the College of Business, IS graduates develop expertise in bridging the gap between business professionals and computer technologists. IS graduates develop business knowledge as well as technical skills such as systems analysis and design, computer programming, database management, network management, and Web development.

CREDIT BY EXAMINATION

Credit may be obtained for certain IS courses by successfully passing a comprehensive examination with a grade of B or above.

HONOR SOCIETIES AND STUDENT ORGANIZATIONS

The IS department sponsors a student chapter of the **Association of Information Technology Professionals (AITP)**. Membership is open to all students interested in the study of information systems.

Department of Information Systems Scholarships

Refer to the College of Business Web site at www.uwec.edu/cob/undergraduate/honors/scholarships_awards.htm for an up-to-date listing of Department of Information Systems scholarships, or contact the department chairperson, Schneider 401.

COMPREHENSIVE MAJOR: INFORMATION SYSTEMS

The IS department offers a comprehensive major (60 credits, no minor required) with emphases in Business Analysis and Systems Development. The department also offers a minor (24 credits), and a certificate (11-12 credits).

The IS program is based on the Model Curriculum and Guidelines for Undergraduate Degree Programs in Information Systems developed jointly by the Association of Information Technology Professionals, the Association for Computing Machinery, and the Association for Information Systems. Input to the curriculum is regularly provided by employers, the IS Industry Advisory Committee, current students, alumni, and other stakeholders.

Business Analysis Emphasis (Code 832-001)

The business analysis emphasis serves students desiring to concentrate on managerial aspects of the IS field such as system design, project management, security policy administration, and user relations.

Requirements for the Business Analysis Emphasis:

Sixty semester credits, including the BUSCORE (31 credits); the IS CORE (IS 304, 310, 344, 345, 460); IS 365, 411, 455; and five additional elective credits from Acct 430; Art 312; Bcom 405; CS 145, 163; IS 320, 384, 420, 491, 495; Mgmt 443; any course from the other emphasis; and other as approved by the IS department chair.

Econ 103 and 104; Math 111 and 246 must be completed as part of General Education requirements. Math 114 or any course with Math 114 as a prerequisite will substitute for Math 111. No more than three internship credits can count toward this major.

Systems Development Emphasis (Code 832-002)

The systems development emphasis serves students desiring a relatively technical IS education aiming toward such professional activities as software engineering, network management, database administration, and Web development.

Requirements for the Systems Development Emphasis:

Sixty semester credits, including the BUSCORE (31 credits); the IS CORE (IS 304, 310, 344, 345, 460); IS 314, 375, 450; and five additional elective credits from Acct 430; Art 312; Bcom 405; CS 145, 163; IS 320, 384, 420, 491, 495; Mgmt 443; any course from the other emphasis; and other as approved by the IS department chair.

Econ 103 and 104; Math 111 and 246 must be completed as part of General Education requirements. Math 114 or any course with Math 114 as a prerequisite will substitute for Math 111. No more than three internship credits can count toward this major.

MINOR: INFORMATION SYSTEMS (Code 832-401)

The Minor in Information Systems (IS) is available to all students at UW-Eau Claire except IS majors, for whom it would be redundant. Students need not gain admission to the College of Business to complete this minor, consistent with the "Access to Business Courses for Non-Business Majors" policy in this catalog. Students who minor in IS augment their major with organizational computing skills and knowledge that make them more proficient in their field, more attractive to potential employers, and more capable as citizens.

Requirements:

The IS minor requires 24 semester credits: Acct 201 or 202; IS 240, 290, 304, 310, 345; and six credits from the following courses or other as approved by the IS department chair: Acct 430; CS 145, 163, 319, 320, 321; Econ 103 or 104; IS 314, 365, 375, 384, 455, 491, 495; Mgmt 443; and Phil 308.

CERTIFICATE PROGRAM

The **Certificate in Information Systems** is available to all students at UW-Eau Claire except IS majors and minors, for whom it would be redundant. It is designed to complement majors in every area of study without the investment required for a minor. The certificate documents a student's completion of course work relating to IS issues in organizations. This recognition is noted on a student's official University transcript.

Students complete four courses to obtain the Certificate. Non-business students complete all courses from the IS Department; business students can opt to complete three courses from IS and one from selected non-IS courses. All courses must be completed with a grade of C or above.

Requirements

All students complete IS 240 and 310. All non-business students complete any two of IS 290, 304, or 345.

Business students complete any one or two of IS 290, 304, 345, 365, or 455; if they completed only one of the prior list, they complete one of Acct 430 or Acct 460; Mgmt 443, or Mktg 338.

To apply for the IS Certificate, students obtain an application form from the IS department office, Schneider 406, and return the completed application to that office by October 30 or March 30 of the semester in which they expect to complete the requirements. Shortly after final grades have been submitted to the Registrar, official certificates are mailed to successful applicants in January and June.

For more information on the IS Certificate program, contact the IS department.

IS

IS 220 Service-Learning in Information Systems

1 cr. • F, Sp, Su • SL-Full • S/U Only Grade Basis • Instructor Consent Required
Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2

• 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.

IS 240 Information Systems in Business

3 crs. • F, Sp, Su

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This course requires access to a laptop computer which can be brought to class when required.

A study of information systems in business to include management decision support systems, concepts of systems analysis and design, and information processing. Students will learn to use and apply various software programs as productivity tools.

IS 290 Introduction to Database Applications

3 crs. • F, Sp • P: No credit if taken after IS 344.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This course requires access to a laptop computer which can be brought to class when required.

An introduction to database applications created by end users. Students will learn to construct a database, user interface, and reports to summarize data.

IS 304/504 Fundamentals of Business Programming

3 crs. • F, Sp • P: IS 240 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This course requires access to a laptop computer which can be brought to class when required.

Fundamental skills and knowledge for programming business applications including interface design, writing documentation, and using debugging tools. Procedural programming structures and design considerations and interface object use are presented in a state-of-the-art integrated development environment.

IS 310/510 Systems Analysis and Design

3 crs. • F, Sp • P: IS 240

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This course requires access to a laptop computer which can be brought to class when required.

Introduces theory and practice of systems analysis and design. Topics include determining business requirements, documenting organizational processes, analyzing information flows, reengineering/designing information systems, and managing projects. Team project required.

IS 314/514 Business Software Engineering

3 crs. • F • P: IS 304/504; IS 310/510 or concurrent enrollment; or consent of instructor. Admission to College of Business required. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This course requires access to a laptop computer which can be brought to class when required.

Develops object-oriented programming skills at the intermediate level. Develops techniques of data access, input, output, and processing in a business environment using programming tools. Utilizes beginning SQL programming techniques and a state-of-the-art integrated development environment.

IS 320 Internship in Information Systems I

1-3 crs. • F, Sp, Su • Special Course Fee Required; IN • May be repeated for a maximum of 6 credits • P: IS 240. Limited to IS Majors. No credit if taken after IS 420. Minimum sophomore standing. • Department Consent Required

Lecture/Discussion Hours: 1-3 | Lab/Studio Hours: 0

• Internship enrollment form available in IS department office.

Initial coordinated on-the-job business experience in information systems. Gives students an opportunity to participate actively in daily business activities related to the IS major.

IS 344/544 Database Management Systems

3 crs. • F, Sp • P: IS 304/504 and 310/510. Admission to College of Business required. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This course requires access to a laptop computer which can be brought to class when required.

Study of physical and logical design and structure of relational databases; overview of SQL; hands-on experience with client/server database management software. Group project required.

IS 345/545 Networking with Client Operating Systems

3 crs. • F, Sp • P: IS 240. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This course requires access to a laptop computer which can be brought to class when required.

Study of enterprise networking from a client operating system perspective. Theory and practice of topics such as networking models, domains, Active Directory, domain client, desktop/user profiles, resource sharing, authentication, and network security.

IS 365/565 Security Policy Management

3 crs. • F, Sp • P: IS 310 or ACCT 430. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This course requires access to a laptop computer which can be brought to class when required.

Presents the managerial processes and conceptual frameworks needed to develop information security policies for the organization. Managerial processes for the development of business continuity plans and for disaster recovery are also covered.

IS 375/575 Server-based Networking & Security

3 crs. • F, Sp • P: IS 345. Admission to College of Business required. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This course requires access to a laptop computer which can be brought to class when required.

Study of theory and practice of enterprise networking from a server operating system perspective. Topics include domain creation, Active Directory management and delegation, scripting, security policies, roaming profiles, access permissions, and security auditing.

IS 384 Advanced Design and Development

3 crs. • V • P: IS 344. Admission to College of Business required. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This course requires access to a laptop computer which can be brought to class when required.

Real-world information systems design and development cases. Includes project management in real organizational contexts. Requires understanding of design and development but not expertise. Leadership development via participation in multi-skilled teams.

IS 391 Selected Topics in Information Systems

1-3 crs. • V • May be repeated for a maximum of 6 credits

Lecture/Discussion Hours: 1-3 | Lab/Studio Hours: 0

• 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.

IS 399 Independent Study - Juniors

1-3 crs. • F, Sp, Su • May be repeated • P: Admission to College of Business required. See current catalog for College of Business admission criteria. • Department Consent Required

• Enrollment form available in IS department office.

IS 410/610 Network and Data Security

3 crs. • V • P: IS 304/504 and 345/545. Admission to College of Business required. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This course requires access to a laptop computer which can be brought to class when required.

Addresses hardware and software fundamentals of network security including access control security, information security, and security planning and development. Develops students' working knowledge of available methods and tools for enhancing enterprise data and network security.

IS 411 Object-Oriented Systems

3 crs. • F, Sp • P: IS 344/544 or concurrent enrollment. Admission to College of Business required. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This course requires access to a laptop computer which can be brought to class when required.

Use the object-oriented approach to design complex information systems with UML and the Unified Process for improved quality and reusability. Covers OO techniques, design patterns, multi-tier systems, OO CASE tools, and OO development.

INFORMATION SYSTEMS

IS 420/620 Internship in Information Systems II

1-3 crs. • F, Sp, Su • *Special Course Fee Required; IN* • May be repeated for a maximum of 6 credits • P: Limited to IS majors admitted to College of Business.

• Department Consent Required

• IS 310/510, 344/544, and 345/545 are recommended prior to enrollment in this course. Internship enrollment form available in IS department office.

Coordinated on-the-job business experience in information systems. Gives students an opportunity to participate actively in daily business activities related to the IS major.

IS 450/650 Distributed Systems Development

3 crs. • Sp • P: IS 314/514 or equivalent; IS 344/544 and 345/545; or consent of instructor. Admission to College of Business required. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This course requires access to a laptop computer which can be brought to class when required.

A study of the content, theory, and methodology of distributed systems application development. Specifically, the course covers n-tier and web-based development.

IS 455/655 Project Management

3 crs. • F, Sp • P: IS 304, IS 310 and MGMT 340. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This course requires access to a laptop computer which can be brought to class when required.

Focus on information systems projects: methodology selection, initiating, planning, executing, control and closing. Issues of time, scope, cost, quality and risk are investigated. Writing and software development skills are enhanced.

IS 460/660 Seminar in Information Systems

3 crs. • F, Sp • CP • P: Limited to IS majors admitted to College of Business. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Limited to graduating seniors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This course requires access to a laptop computer which can be brought to class when required.

In-depth study of current IS topics and discussion of current IS issues and trends. Includes integrated communication component and team-based information systems development project.

IS 475/675 Electronic Business

3 crs. • V • P: IS 310/510. Admission to College of Business required. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This course requires access to a laptop computer which can be brought to class when required.

Basics of electronic commerce, on the Internet, electronic data interchange, electronic funds transfer, etc. Students will address current applications for a wide range of businesses.

IS 491 Selected Topics

1-3 crs. • V • May be repeated for a maximum of 6 credits • P: Admission to College of Business required. See current catalog for College of Business admission criteria. Minimum junior standing.

Lecture/Discussion Hours: 1-3 | Lab/Studio Hours: 0

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.

IS 495 Directed Studies

1-3 crs. • F, Sp, Su • P: Limited to IS majors admitted to College of Business. Minimum junior standing. • 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. • F, Sp, Su • May be repeated • P: Admission to College of Business required. See current catalog for College of Business admission criteria. • Department Consent Required

• Enrollment form available in IS department office.

Management and Marketing

SCHNEIDER SOCIAL SCIENCE 400E

(715) 836-3677

www.uwec.edu/mgmtmktg

TIMOTHY S. VAUGHAN, CHAIR

JOSEPH BONNER, KRISTINA BOURNE, ROBERT ERFFMEYER, LANNETTE FLUNKER, JUSTIN GARDNER, NANCY HANSON-RASMUSSEN, HARRY HARVEY, ROBERT HEINTZ, TODD HOSTAGER, RAYMOND HUGHES, JENNIFER JOHS-ARTISENSI, KRISTY LAUVER, SCOTT LESTER, ABRAHAM NAHM, DOUGLAS OLSON, JULIE PENNINGTON, RHETTA STANDIFER, ERWIN STEINER, ROBERT SUTTON, SCOTT SWANSON, CHARLES TOMKOVICK, THERESA WELLS, REBECCA WYLAND, RAMA YELKUR.

The Department of Management and Marketing offers comprehensive majors (no minor required) in Management, Marketing, and Health Care Administration, as well as a standard major in Business Administration. Within the Management major, specialized emphases are available in Human Resource Management, Operations and Materials Management, and Entrepreneurship, in addition to the general Management option. The Marketing major offers emphases in Professional Sales and Marketing Analytics in addition to the general Marketing option. The Health Care Administration major is targeted toward students preparing for careers in managing post-acute health care institutions.

The standard major in Business Administration is offered for those interested in the flexibility of a major/minor program of study. Additional concentration may be developed through planned selection of elective business courses.

The department also offers four minors. The Business Administration minor provides a broad survey of business principles for non-business majors. Minors in Management, Marketing, and Entrepreneurship provide an opportunity for students to gain more focused study and are available to all students, including those with a major in the College of Business.

An International Business minor is also available to students in the College of Business and to students not in the College of Business who meet prerequisite requirements.

Department of Management and Marketing Scholarships

Refer to the College of Business Web site at: www.uwec.edu/cob/undergraduate/honors/scholarships_awards.htm for an up-to-date listing of Department of Management and Marketing scholarships, or contact the department chairperson, Schneider 400E.

NOTICE: MATH REQUIREMENT—ALL STUDENTS MAJORING IN MANAGEMENT, MARKETING, OR BUSINESS ADMINISTRATION MUST COMPLETE MATH 111, A SHORT COURSE IN CALCULUS, OR THE EQUIVALENT.

Additional Recommendations (to be used in partial fulfillment of General Education requirements): The Department of Management and Marketing strongly encourages all majors to pursue additional work in such courses as Advanced Public Speaking, Technical Writing, and Business Report Writing. Majors are also encouraged to participate in an international exchange/study program; participate in an internship (See Bsad 398, Mgmt 398, Mktg 398), and seek leadership roles in organizations on and off campus. The Leadership Certificate is also highly encouraged.

CERTIFICATE PROGRAM

The **Leadership Studies Certificate** program is a special recognition awarded to students who have completed the following requirements:

1. **Leadership Certificate course work.** The following course work must be completed with a B- or above GPA:

Required courses:

Mgmt 200 Developing the Leader Within You (3 crs.)

Mgmt 340 Organizational Behavior (3 crs.)

Elective courses. Complete a minimum of five credits from the following:

- Mgmt 446 Organizational Change and Development (3 crs.)
- Mgmt 494 Topics in Leadership (1-3 crs.)
- CJ 407 Leadership Communication (3 crs.)

2. **Leadership Experience.** Students must provide evidence of bona fide leadership experience while completing the BBA degree. This is done by (a) submitting a resumé that outlines the student’s leadership positions and experiences, briefly explaining responsibilities and accomplishments in each case, and (b) submitting a letter of recommendation from an organization adviser, board member (non-student), or other supervisor. The letter of recommendation must specifically attest to the leadership requirements of the position held and give specific examples of the leadership skills demonstrated by the student. Generic, employment-related letters of reference will not be accepted. Students are encouraged to obtain prior verification from the Management and Marketing department chair that their intended leadership experience will fulfill the requirements of the certificate.

3. **Leadership Reflection Paper.** Candidates for the Leadership Studies Certificate must submit a paper that reflects on the leadership experience documented by the resume and letter of recommendation described above. The paper should be five to seven pages in length, double-spaced in 12 point font. The suggested outline for the paper is as follows:

- A description of the leadership experience
- Self-evaluation of your strengths and weakness as a leader during these experiences.
- Strategies and tactics for improving on your weaknesses and capitalizing on your strengths as a leader.
- Evaluation of how your leadership course work relates to your leadership experiences.

The application form for the Leadership Studies Certificate is available in the Management and Marketing department office, SSS 400D. The resume, letter of recommendation, and reflection paper should be submitted with the completed application form.

Major/Minor Combinations are allowed in the Department of Management and Marketing. See Major/Minor Combinations, page 187.

MAJOR: BUSINESS ADMINISTRATION (Code 740-200)

Requirements of the Business Administration Major

Forty-three semester credits, including the BUSCORE (31 credits) plus:

Required Courses (six credits)

- Bsad 380 Applied Quantitative Methods
- Acct 312 Managerial Accounting

Select a minimum of six credits of Bsad electives from the following:

- Bcom 306 Advanced Business Writing
- Bcom 307 Advanced Business Presentations
- Bcom 405 Advanced Business Communication
- Fin 325 International Financial Management
- Hcad 101 Introduction to Health Services Administration
- IS 455 Project Management
- Mgmt 200 Developing the Leader within You
- Mgmt 271 Introduction to the Entrepreneur Process and Mindset
- Mgmt 343 Purchasing Management
- Mgmt 345 Managing Global Organizations
- Mgmt 349 Human Resource Management
- Mgmt 441 Service Operations Management
- Mgmt 442 Production Planning and Control
- Mgmt 445 Compensation Theory and Administration
- Mgmt 446 Organizational Change and Development
- Mgmt 455 Industrial Relations
- Mgmt 494 Topics in Leadership
- Mktg 332 Marketing Communications and Promotion Analysis

- Mktg 334 Marketing Research
- Mktg 335 International Marketing
- Mktg 336 Business Logistics Management
- Mktg 337 Professional Selling
- Mktg 338 Marketing Analytics and Technology
- Mktg 425 Marketing in Service Organizations
- Mktg 432 Retail Management
- Mktg 433 Sales Management
- Mktg 490 Advanced Sales Topics

Students should note that the requirements of one or more certificates available within the College of Business can be partially satisfied by selecting Bsad electives from the following. (See the requirements for each certificate for additional information.)

Certificate	Relevant Bsad Electives
Advanced Business Communication Certificate	Bcom 306, 307, 405
Information Systems Certificate	IS 455; Mktg 338
Leadership Certificate	Mgmt 200, 446, 494
International Business Certificate	Fin 325; Mgmt 345; Mktg 335

MINOR: BUSINESS ADMINISTRATION (Code 740-405)

Thirty semester credits, including the Minor Core (Acct 201, 202; Econ 103, 104; IS 240) plus Math 246, Bsad 305, Fin 320, Mktg 330, Mgmt 340. This minor is not available to College of Business majors.

NOTE: Students selecting this minor must satisfy the College of Business admission requirements prior to enrollment in 300- or 400-level courses in the College of Business.

COMPREHENSIVE MAJOR: HEALTH CARE ADMINISTRATION (Code 660-054)

Today is a time of change and challenge in health care. New leaders are needed to guide development of new ways to provide high quality health care at costs to individuals and society that are affordable. The Health Care Administration program at UW-Eau Claire offers bright and committed students the opportunity to work with faculty who are dedicated to preparing leaders in a wide variety of health care organizations and to the individual development of each student. The goal is to prepare students to make a positive difference in the lives of others by joining efficient management practices with dedication to service.

This program focuses on the post-acute care continuum of health care institutions and services. This expansion of services from hospital through a range of intermediate alternatives to home care provides new and expanding opportunities for qualified health care administrators with baccalaureate education. The UW-Eau Claire program provides excellent preparation for graduates to serve in new administrative roles. For students who want to enter the acute care sector (hospitals), this program has proven an excellent preparation for the graduate education required.

All Health Care Administration students complete a 12-month practicum experience at one of the many affiliated health care facilities in Wisconsin, Minnesota, Illinois, and Iowa. The practicum provides students the opportunity to practice their skills and classroom knowledge as part of a leadership team. Graduates are thereby ready upon graduation to begin performing as leaders and managers in health care. The Health Care Administration program is accredited by the National Board of Examiners for Long Term Care Administration. Graduates of the Health Care Administration Program are eligible to take the Wisconsin, Minnesota, and 14 other states’ licensure examinations for Nursing Home Administrators (NHA). Most other states accept graduates from this program for licensure on an individual review basis.

Requirements of the Health Care Administration major Credits

I. Core courses related to administration

Acct 201	Principles of Accounting I	3
Acct 202	Principles of Accounting II	3
Bcom 206	Business Writing	2

MANAGEMENT AND MARKETING

Bcom	207	Business Presentations	2
Bsad	300	Diversity in the Workplace	1
Bsad	305	Legal and Regulatory Environment	2
Hcad	375	Foundations of Health Care Finance	3
IS	240	Information Systems in Business	3
Mgmt	340	Organizational Behavior	3
Mgmt	349	Human Resource Management	3
Mktg	330	Principles of Marketing	3
Total			28

II. Core courses related to health care

Econ	280	Health Economics	3
Nrsg	220	The Language of Health Care	1
Hcad	101	Introduction to Health Services Administration	1
Hcad	222	Multidisciplinary Perspectives in Aging	3
Hcad	301	Foundations of Quality Management Systems in Health Service	3
Hcad	302	Leadership and Management Practices in Health Care	3
Idis	201	Overview of the U.S. Health Care System: A Policy Perspective	3
Total			17

III. Health Care Administration Practicum

Summer Session

Hcad	401	Fundamental Field Experience Skills	3
Hcad	420	Health Care Administration Professional Development	3

Fall Semester

Hcad	401	Fundamental Field Experience Skills	6
Hcad	403	Resident Service Management	1
Hcad	404	Quality Management Systems	1
Hcad	405	Human Resources Practices	1
Hcad	421	Fundamental Health Care Management Competencies	3

Winterim

Hcad	413	Health Care Rules and Regulations	1
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Spring Semester

Hcad	401	Fundamental Field Experience Skills	6
Hcad	406	Information Use and Systems	1
Hcad	407	Financial Management	1
Hcad	408	Marketing and Public Relations	1
Hcad	422	Strategic Health Services Leadership Practices	3
Total			31

Health Care Administration majors need to meet the overall University General Education requirements. Specific to the Health Care Administration program are those courses listed by GE category in the table below.

HEALTH CARE ADMINISTRATION MAJOR PROFICIENCY REQUIREMENTS			
GE IA:	CJ 202	Fundamentals of Speech	
GE IB:	Math 246	Elementary Statistics	
GE II:	Biol 151	Biology of Humans,	
	Biol 196	Human Nutrition	
	One of: Chem 100, 103, 104, 115		
GE III:	Econ 103	Principles of Microeconomics	
	Econ 104	Principles of Macroeconomics	
	Psyc 100	General Psychology	

Cultural Diversity Requirement. Health Care Administration majors will satisfy a portion their Cultural Diversity requirement by taking CJ 202, and Bsad 300. (CJ 202 must be taken at UW-Eau Claire to qualify for Cultural Diversity credit.)

Service-Learning. This University requirement is met through the required practicum experience

Scholastic Requirements. Students must complete all required courses for the major with a grade of C- (C minus) or above. Overall GPA must be at least 2.75. The program also has an enrollment management program, which utilizes an application process every semester to admit qualified students. See “Admission to the Health Care Administration Program” later in this section for application information.

Practicum. Following satisfactory completion of all required campus-based courses, including General Education, the student is eligible for enrollment in the practicum.

The practicum, consisting of 50 weeks in an affiliated health care institution, is started at the beginning of the summer session. Students are enrolled at UW-Eau Claire for the courses taken while at affiliated institutions and pay full fees to the University. Students in the practicum receive a provider-sponsored stipend.

Positions for practicum experience are highly competitive. The University does not guarantee placement in the practicum but does aid the student in every way possible. Since academic achievement plays a part in selection of students for the practicum, resident and total GPAs above the 2.75 minimum are recommended. Application to practicum positions occurs one year prior to the practicum starting date.

Admission to the Health Care Administration Program

Students intending to major in Health Care Administration should indicate their area of interest when they apply to the University so they may be admitted as “Pre-Health Care Administration.” Students may declare “Pre-Health Care Administration” at any time, but must formally apply for acceptance into the Health Care Administration program. The deadlines for filing applications to the Health Care Administration program are posted each semester in October and March, following group information/application meetings. In order to be considered for admission to the Health Care Administration Program, the student must:

1. be declared as Pre-Health Care Administration.
2. complete all application materials (essay, application, proposed degree plan with desired practicum cohort year).
3. have a resident and total GPA of at least 2.75.

Other data that may be utilized by the Hcad Admissions Committee include high school rank in class, previous collegiate records, and standardized tests such as ACT or SAT.

Enrollment in this program is limited and competitive. Students who are not admitted may reapply for a future cohort year assignment, or may consider an alternative course of study.

Admission to the College of Business. All students admitted to the Health Care Administration program must also apply and be accepted into the College of Business. See College of Business requirements for additional information.

Practicum Cohort. At the time of admission to the program, students are assigned to the practicum cohort for a specific year. Application to specific practicum sites occurs the year prior to placement, and there is a competitive application process for practicum sites among admitted students. More information about this process may be found on the Health Care Administration program Web site. Even if placed at a practicum site, students must meet academic standing requirements and have completed all non-practicum course work before being allowed to move forward. If the student’s degree plan changes such that more time is required to complete non-practicum course requirements, students may be reassigned to a future cohort.

Student Background Check and Health Requirements

State law requires background checks on all students placed at the clinical practicum sites. All students accepted into the program must complete the Wisconsin Department of Health and Family Services Background Information Disclosure, as well as a release for a Wisconsin Department of Justice Criminal Background Check. Non-resident students must also have background checks completed in their state of

residence. Additional information regarding the Wisconsin Caregiver Law can be obtained from DHFS's Web site: www.dhfs.state.wi.us.

Within 90 days prior to beginning the practicum experience, the student must have a physical exam to provide evidence that the student is free from infectious disease and evidence of a TB skin test. A chest X-ray is required if the TB skin test is positive. It is also recommended that students be vaccinated annually against influenza. Students are not permitted to participate in clinical course work unless all immunizations, TB tests, and background checks are current.

All expenses associated with background checks and health requirements are borne by the student unless the Student Health Service specifically indicates otherwise. Students are not covered by health or accident insurance by UW-Eau Claire, the practicum facility, or the practicum institution. In addition, workers' compensation insurance does not cover students while engaged in clinical practice. For example, if a student suffers a needle stick or is hurt while in practicum, they will need personal health insurance to cover medical bills.

Transferring Students

Any student anticipating transfer to UW-Eau Claire for the Health Care Administration Program is urged to consult the university Admissions office as early as possible for information about GPA and course requirements for admission and for the degree requirements (see Admission to the Health Care Administration Program). Official review of the student's academic record is made by the Admissions office. Transfer students may declare Pre-Health Care Administration when transferring, or may apply for acceptance into the Health Care Administration program as described above prior to transferring to the university.

Readmission to the Health Care Administration Program

Students who withdraw from the program and wish to return for completion must send a letter requesting readmission to the Management and Marketing department at least three months in advance of the desired readmission date.

Applicants must meet the current admission requirements of the Health Care Administration program. Consideration will be given to the length of absence, the student's ability to achieve, and availability of space in the student's desired practicum cohort. If readmission to the program is granted, the remaining program will be planned as considered best for the student and according to the current curriculum.

Costs. Health Care Administration is a professional discipline, and students enrolled in the program must anticipate some additional costs that are directly related to the Health Care Administration program. These include textbooks, health requirements, technology costs (e.g. laptop and internet access), and transportation and lodging associated with the practicum experience and learning modules.

Termination from Program

A student may be terminated from the Health Care Administration program for any of the following reasons:

1. Failure to maintain good academic standing within the university.
2. Failure to demonstrate the potential for consistently safe, responsible, and ethical professional practice.
3. Likelihood that a student's condition, presentation, or prior experience will adversely affect the student, other persons, the University, an agency or site used for practicum, or the patients or residents served.

If a student demonstrates deficiencies during the practicum experience that the faculty or practicum supervisor determine to be clearly unsafe or unprofessional behavior, the student will be immediately removed from the practicum situation.

A student who has been notified of termination from the program may appeal for reinstatement. This policy applies to termination from the Health Care Administration program only. A student's status within the University remains subject to University academic standing policies.

Minors or Certificates. Students majoring in Health Care Administration

are not required to declare a minor area of study. However, many minors and/or certificates such as leadership, business communication, Spanish for health care, etc. make excellent complementary programs to the major. Students who have room in their schedule before beginning practicum are encouraged to discuss these options with their advisers.

Scholarships. Several scholarships are available to students in the Health Care Administration major. Additional information may be obtained from the Department of Management and Marketing or by visiting the Financial Aid Web site at www.uwec.edu/finaid.

Satisfactory/Unsatisfactory Policy. No course required for the degree in health care administration may be taken on a Satisfactory/Unsatisfactory basis.

COMPREHENSIVE MAJOR: MANAGEMENT

The Management major prepares students to assume managerial roles in a variety of organizations, and provides a foundation of knowledge for addressing managerial issues and challenges at all organizational levels. The Entrepreneur Program, Human Resource Management, and Operations/Materials Management emphases provide more focused study for the student with specific goals. Students may also select the general management emphasis.

Entrepreneur Program Emphasis (Code 820-002)

The program offers a unique learning experience for students who aspire to either start their own business or secure employment in a growth-oriented business. The program helps students to identify viable career options in entrepreneur/intrepreneur environments, to expand conceptual and creative approaches to the entrepreneurial process, and to develop a repertoire of venture management skills. "Hands on" experiences with many guest speakers, field trips, and special projects are emphasized. The students expand their creativity into a viable business plan that is the major project for the program. The program combines formal education with practical applications to develop skills in leadership, needs assessment, opportunity identification, resource development, strategic thinking, and risk taking. The ultimate goal of the program is to give the student an in-depth broad-based and practical education on the foundation of entrepreneurship.

Requirements for the Entrepreneur Emphasis

At least sixty semester credits, including the 31 credit BUSCORE plus 29 additional credits as listed below:

Required Courses (26 credits)

Mgmt	271	Introduction to the Entrepreneur Process and Mindset, 2 crs.
Bsad	380	Applied Quantitative Methods, 3 crs.
Mktg	334	Marketing Research, 3 crs.
Acct	312	Managerial Accounting, 3 crs.
Mgmt	371	Entrepreneurial Creativity and Idea Refinement, 1 cr.
Mgmt	349	Human Resource Management, 3 crs.
Mgmt	461	Lean Manufacturing, 3 crs.
Bsad	306	Business Law, 3 crs.
Mktg	372	Advanced Marketing for Entrepreneurs, 3 crs.
Mgmt	471	Business Plan Considerations and Drafting, 2 crs.

Electives (3 credits) Select one:

Mgmt	398	Internship Program I, 3 crs.
Mgmt	414	Small Business Consulting, 3 crs.
Mgmt	442	Production Planning and Control 3 crs
Mgmt	443	Process Simulation and Analysis 3 crs
Mktg	425	Marketing in Service Organizations 3 crs
Mktg	438	Marketing Management 3 crs

MINOR: ENTREPRENEURSHIP (Code 820-402)

Thirty-two semester credits, including the Minor Core (ACCT 201, 202; ECON 103, 104; IS 240), plus 17 additional credits as described below:

MANAGEMENT AND MARKETING

Required Courses (17 credits)

Bsad	305	Legal and Regulatory Environment, 2 crs.
Mgmt	271	Introduction to the Entrepreneur Process and Mindset, 2 crs.
Mgmt	340	Organizational Behavior, 3 crs.
Mgmt	371	Entrepreneurial Creativity and Idea Refinement, 1 cr.
Mktg	330	Principles of Marketing, 3 crs.
Mktg	334	Marketing Research, 3 crs.
Mktg	372	Advanced Marketing for Entrepreneurs, 3 crs.

NOTE 1: Students selecting this minor must satisfy College of Business admission requirements prior to enrollment in 300- or 400-level courses in the College of Business.

NOTE 2: If your major is in the College of Business, a minimum of 12 credits in each program must be unique to the program (not overlap the companion programs), and Econ 103 and 104 may not be counted toward these unique credits.

Human Resource Management (HRM) Emphasis (Code 820-003)

This emphasis is structured to prepare students for careers in HRM immediately upon graduation or shortly thereafter. Historically, “personnel departments” were primarily administrative in scope. Today, there is tremendous complexity, diversity, and sophistication confronting managers of human resources. Most corporations require highly skilled professionals who have been academically trained in the areas of HRM. Corporations now are looking to the “human resource function” as a strategic partner in executive decision making. The HRM emphasis will prepare students in the following areas: staffing (recruitment and selection), training and development, labor relations, compensation and benefits, employee relations, organizational change, and relevant legal concerns. Special focus will be directed at the changing demographic composition of employees and Workforce 2000 issues. Students are encouraged to take additional written and oral communication courses. Students will be required to study for and take the Society for Human Resource Management Certification Test.

Requirements for the Human Resource Management Emphasis

Sixty semester credits, including the BUSCORE plus 29 required and elective credits as listed below:

Required Courses (23 credits)

Bsad	380	Applied Quantitative Methods
Mgmt	349	Human Resource Management
Mgmt	445	Compensation Theory and Administration
Mgmt	446	Organizational Change and Development
Mgmt	455	Industrial Relations
Mgmt	459	Advanced Human Resource Management
Acct	312	Managerial Accounting
CJ	350	Training and Human Resource Development

Pass the Society for Human Resource Management (SHRM) Certification Examination.*

Plus six *elective* credits from Mgmt 200, 342, 345, 398, 399, 414, 441, 442, 443, 492, 494, 499 (with one course at most from Mgmt 441, 442; and three credits at most from Mgmt 399, 499); Bcom 405; Econ 330.

*Students who meet all requirements for this emphasis except the certification requirement are considered to have satisfied requirements for the Management emphasis.

Operations/Materials Management Emphasis (Code 820-001)

Students may select this emphasis which is designed to prepare them for careers in production and service operations management. With a focus on materials management, students are required to pursue professional certification as a CPIM (Certified in Production and Inventory Management). Information on certification is available from the department office.

Requirements for the Operations/Materials Management Emphasis

Sixty semester credits, including the BUSCORE and 29 required and elective credits as listed below:

Required Courses (24 credits)

Acct	312	Managerial Accounting
Bsad	380	Applied Quantitative Methods
Mgmt	342	Quality Management
Mgmt	343	Purchasing Management
Mgmt	349	Human Resource Management
Mgmt	442	Production Planning and Control
Mgmt	443	Process Simulation and Analysis
Mgmt	461	Lean Manufacturing Systems and Concepts

Plus five elective credits from Mgmt 345, 354, 398, 399, 414, 441, 446, 452, 455, 493, 499 (with three credits at most from Mgmt 399, 499); Bcom 405; IS 455; Mktg 336.

In addition, students must pass one of the following APICS Certified in Production and Inventory Management (CPIM) examinations: Inventory Management; Just-in-Time (JIT); Master Planning; Material and Capacity Requirements Planning; Production Activity Control; or Systems and Technologies. Students who meet all requirements for this emphasis except the certification requirement are considered to have satisfied requirements for the Management emphasis.

Management Emphasis (Code 820-000)

The general management emphasis provides a broad background focusing on the effective management and development of employees within the firm.

Requirements for the General Management Emphasis

Sixty semester credits, including the BUSCORE and 29 additional credits as listed below:

Required Courses (15 credits)

Acct	312	Managerial Accounting
Bsad	380	Applied Quantitative Methods
Mgmt	349	Human Resource Management
Mgmt	200	Developing the Leader Within You <i>or</i>
Mgmt	446	Organizational Change and Development
Mgmt	342	Quality Management <i>or</i>
Mgmt	343	Purchasing Management <i>or</i>
Mgmt	441	Service Operations Management <i>or</i>
Mgmt	442	Production Planning and Control

Plus 14 elective credits from Mgmt 200, 342, 343, 345, 354, 398, 399, 414, 441, 442, 443, 445, 446, 452, 455, 459, 461, 492, 493, 494, 499 (with three credits at most from Mgmt 399, 499); Bcom 306, 307, 405 (with one course at most from Bcom 306, 307, 405); Fin 371; Mktg 432, 433 (with one course at most from Fin 371; Mktg 432, 433).

MINOR: MANAGEMENT (Code 820-401)

Twenty-seven semester credits, including the Minor Core (Acct 201, 202; Econ 103, 104; IS 240); Mgmt 340; and nine credits from Mgmt 341, 342, 343, 345, 349, 441, 442, 443, 445, 446, 455.

NOTE 1: Students selecting this minor must satisfy the College of Business admission requirements prior to enrollment in 300- or 400-level courses in the College of Business.

NOTE 2: If your major is in the College of Business, a minimum of 12 credits in each program must be unique to the program (not overlap the companion programs) and Econ 103 and 104 may not be counted towards these unique credits.

COMPREHENSIVE MAJOR: MARKETING (Code 840-000)

Marketing involves the performance of activities that facilitate exchange, such as buying, selling, pricing, and transporting. Marketing is done by business organizations, nonprofit entities, even individuals like political candidates, using strategies appealing to final consumers, organizational buyers, and other publics. Careers in marketing typically begin with sales jobs and retail store management training, and progress (often with graduate study) to the management of functions like sales, advertising, distribution, market research, and purchasing.

Requirements for the Marketing Major

Sixty semester credits, including the BUSCORE and 29 additional credits as listed below:

Required Courses (18 credits)

Acct	312	Managerial Accounting
Bsad	380	Applied Quantitative Methods
Mktg	331	Buyer Behavior
Mktg	334	Marketing Research
Mktg	338	Marketing Analytics and Technology
Mktg	438	Marketing Management

Students may select any combination of at least 11 credits from Mktg 332, 335, 336, 337, 425, 432, 433, 437, 491; Mgmt 343, 441 (with one course at most from Mgmt 343, 441); Bcom 306, 307, 405 (with two courses at most from Bcom 306, 307, 405). The Marketing faculty recommends the Advanced Business Communication Certificate for Marketing majors.

Professional Sales Emphasis (Code 840-001)

Students may select the Professional Sales emphasis designed to prepare them for competence in oral persuasion skills, proposal preparation, negotiating, relationship management, and sales force management.

Requirements for the Professional Sales Emphasis

Sixty semester credits, including the BUSCORE and 29 additional credits as listed below:

Required Courses (24 credits)

Acct	312	Managerial Accounting
Bsad	380	Applied Quantitative Methods
Mktg	334	Marketing Research
Mktg	337	Professional Selling
Mktg	338	Marketing Analytics and Technology
Mktg	433	Sales Management
Mktg	438	Marketing Management
Mktg	490	Advanced Sales Topics

Plus five credits from Mktg 331, 332, 335, 336, 425, 432, 437, 491; Mgmt 343; Bcom 306, 307, 405 (with at most one course from Bcom 306, 307, 405). Mktg 332, 335, 432, 437 or Mgmt 343 are strongly recommended.

Marketing Analytics Emphasis (Code 840-002)

The Marketing Analytics emphasis is designed to help prepare marketing students for success in analytical marketing decision-making. It places emphasis on analyzing marketing databases using the latest software technology. This emphasis is designed to meet the growing demands for analytical decision-making in merchandising, purchasing, retailing, internet marketing, fact-based selling, and integrated marketing communications.

Requirements for the Marketing Analytics Emphasis

Sixty semester credits, including the BUSCORE and 29 additional credits as listed below:

Required Courses (18 credits)

Acct	312	Managerial Accounting
Bsad	380	Applied Quantitative Methods
Mktg	332	Marketing Communications and Promotion Analysis
Mktg	334	Marketing Research
Mktg	338	Marketing Analytics and Technology
Mktg	438	Marketing Management

Plus 11 credits from Mktg 331, 335, 337, 425, 432, 433, 490, 491; Bcom 306, 307, 405 (with one course at most from Bcom 306, 307, 405). Mktg 337 or 432 are strongly recommended.

MINOR: MARKETING (Code 840-401)

Twenty-seven semester credits, including the Minor Core (Acct 201, 202; Econ 103, 104; IS 240) plus Mktg 330; nine credits from Mktg 331, 332, 334, 335, 336, 337, 425, 432, 433, 437.

NOTE 1: Students selecting this minor must satisfy the College of Business admission requirements prior to enrollment in 300- or 400-level courses in the College of Business.

NOTE 2: If your major is in the College of Business, a minimum of 12 credits in each program must be unique to the program (not overlap the companion programs) and Econ 103 and 104 may not be counted towards these unique credits.

MILITARY SCIENCE AND LEADERSHIP COURSES

Schneider Social Science 113 | (715) 836-4567 | rotc@uwec.edu
www.uwec.edu/cob/centerforleadership/rotc

The Military Science and Leadership courses are part of the Army Reserve Officer Training Corps (ROTC). These courses prepare a student, along with earning a bachelor’s degree, to receive a commission as an Army officer on active duty, the Army National Guard, or the Army Reserve.

The MSL courses focus on leadership development, leadership theories, Army fundamentals, written and oral communication skills, physical training, cultural awareness, mentoring, and emphasize practical leadership application. Classes include three components: lecture, leadership lab, and physical training sessions. Students also participate in off-campus training exercises and competitions. Cadets can compete to attend training nationwide and overseas. Cadets who sign a contract to complete ROTC receive a monthly stipend while in school. Experienced Army cadre instruct and mentor as a team in class, leadership lab, and physical training, thus providing leadership feedback and mentoring to the students from several perspectives.

Basic Courses. Open to any UW-Eau Claire student regardless of major. Students may start the classes in either the fall or spring semester. Taking these classes requires no obligation to the Army. The basic courses can be fulfilled in three ways: taking all four courses, completing military basic training, or attending the four-week summer ROTC Leader Training Course in Kentucky. Students with six semesters remaining until graduation may take the 100- and 200-level courses concurrently. These classes can be taken during study abroad.

Advanced Courses. Open to any UW-Eau Claire student regardless of major. Graduate students may enroll in the advanced courses. Enrollment requires receiving credit for the basic courses and meeting Army prerequisites. Students must have four semesters remaining in full-time status to complete this series of courses. Students hold leadership positions throughout the semester and have significant responsibilities in planning and leading training during leadership lab and physical training. All advanced cadets attend the capstone Leadership Development and Assessment Course at Fort Lewis, WA. MSL 301 and MSL 302 must be taken in sequence followed by the capstone summer training. Students are required to take an upper division U.S. military history course, which can be fulfilled by taking HIST 384, HIST 376, or HIST 377. Students must maintain a 2.0 GPA to receive a commission.

ROTC Scholarships. Cadets may be eligible for tuition scholarship, room and board scholarship, study abroad scholarship, or federal tuition benefits. For more information, visit www.goarmy.com/rotc/scholarships.jsp or contact the ROTC cadre, Schneider 113. Interested students must contact the ROTC office to determine the correct course in which to enroll, to get enrollment permissions, and to complete required paperwork.

BSAD

BSAD 100 Introduction to the World of Business

1 cr. • F, Sp • Special Course Fee Required • P: Credit cannot be earned if taken after BSAD 101.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

• Credit cannot be counted toward any College of Business major or minor programs. No credit if taken after admission to College of Business.

An introduction to the business organization, and the roles and functions performed by those who work within the business.

MANAGEMENT AND MARKETING

BSAD 101 Business Concepts for Technical Professionals

3 crs. • V • P: Limited to CS majors. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Not open to College of Business juniors and seniors.

Business concepts for computer science majors or minors. Vocabulary of accounting, finance, management, marketing, and business communication. Emphasizes project management, team participation, business process reengineering, business systems analysis, professionalism, career planning, and business ethics.

BSAD 105 Essentials of Accounting

2 crs. • V • Special Course Fee Required • P: Credit cannot be earned if taken after ACCT 201.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Credit cannot be counted toward any College of Business major or minor programs. No credit if taken after admission to College of Business.

This course teaches students how to interpret basic financial statements. Students learn the parts of annual reports issued by companies, the differences between balance sheets and income statements, and basic accounting terminology.

BSAD 110 Business Leadership Institute

1-2 crs. • F • P: Not available for juniors or seniors.

Lecture/Discussion Hours: 1-2 | Lab/Studio Hours: 0

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.

BSAD 115 Essentials of Human Resource Management

2 crs. • V • Special Course Fee Required • P: Credit cannot be earned if taken after MGMT 349.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Credit cannot be earned toward any College of Business major or minor programs. No credit if taken after admission to College of Business.

This course examines policies and practices relating to recruitment, selection, training and development, performance appraisal, reward systems, and employee relations. This course is for non-business students seeking a business elective or the business administration certificate.

BSAD 120 Essentials of Personal Finance

2 crs. • V • Special Course Fee Required • P: Credit cannot be earned if taken after FIN 135.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Credit cannot be earned toward any College of Business major or minor programs. No credit if taken after admission to College of Business.

This course teaches how to manage your finances. You learn how to track spending, set up a budget, avoid hidden costs in transactions, and invest. You learn personal finance terminology used in the financial press.

BSAD 125 Essentials of Marketing

2 crs. • V • Special Course Fee Required • P: Credit cannot be earned if taken after MKTG 330.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Credit cannot be earned toward any College of Business major or minor programs. No credit if taken after admission to College of Business.

This course provides students with a basic understanding of marketing. Students learn the role of product, price, promotion, and distribution in the marketing process and explore how marketing impacts their chosen field.

BSAD 130 Essentials of Management

2 crs. • V • Special Course Fee Required • P: Credit cannot be earned if taken after MGMT 340.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Credit cannot be earned toward any College of Business major or minor programs. No credit if taken after admission to College of Business.

This course explores basic managerial functions such as planning, organizing, staffing, directing, and controlling. Topics include the application of management principles to include aspect of authority, departmentalization, line and staff relations, and comparative management.

BSAD 135 Essentials of Business Communication

2 crs. • F, Wi, Sp, Su • Special Course Fee Required • P: Credit cannot be earned if taken after both BCOM 206 and BCOM 207.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Credit cannot be earned toward College of Business major or minor programs. No credit if taken after admission to College of Business.

This course introduces students to the basics of business communication. Students learn to determine the most effective means to communicate the plan, revise, and polish communication for business.

BSAD 140 Essentials of Information Systems

2 crs. • V • Special Course Fee Required • P: Credit cannot be earned if taken after IS 240.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Credit cannot be earned toward any College of Business major or minor programs. No credit if taken after admission to College of Business.

This course offers a focus on personal information systems to enhance your productivity in today's digital environment. It emphasizes computer use, tool integration, and support of business processes.

BSAD 145 Essentials of Business Law

2 crs. • V • Special Course Fee Required • P: Credit cannot be earned if taken after BSAD 305 or BSAD 306.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Credit cannot be earned toward any College of Business major or minor programs. No credit if taken after admission to College of Business.

This course examines the business legal environment, including sources of law and forms of business ownership. You will learn basic principles of agency, contract law, warranty and commercial paper.

BSAD 150 Essentials of Investing

2 crs. • V • Special Course Fee Required • P: Credit cannot be earned if taken after FIN 320.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Credit cannot be earned toward any College of Business major or minor programs. No credit if taken after admission to College of Business.

This course teaches the basics of financial investments. You will learn to identify investments and when and how much to invest. Topics include real estate, financial instruments, and insurance annuities. You will learn basic investment terminology.

BSAD 155 Essentials of Leadership

2 crs. • Sp • Special Course Fee Required • P: Credit cannot be earned if taken after MGMT 200 OR MGMT 340.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Credit cannot be earned toward any College of Business major or minor programs. No credit if taken after admission to College of Business.

This course will examine how "good" leadership has evolved, delve into theories that describe the process of leadership, and explore the various roles 21st century leaders must embrace to be effective.

BSAD 191 Special Topics

1-3 crs. • F, Sp, Su • May be repeated for a maximum of 6 credits

Selected topics of special interests to students and faculty, not normally covered in regular classes.

BSAD 202 Business Statistics

3 crs. • V

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Probability and statistics applied to business problems; frequency and probability distributions, mean and variance, normal distribution, hypothesis testing, linear regression and correlation.

BSAD 210 Service-Learning in Business Administration

1 cr. • V • SL-Full • S/U Only Grade Basis

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2

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.

BSAD 300 Diversity in the Workplace

1 cr. • F, Wi, Sp, Su • CD1 • No S/U Grade Option • P: Completion of 45 credits

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

Develops the awareness and sensitivity of students to issues of race, religion, culture, age, gender, sexual orientation, and disabilities in the workplace.

BSAD 305 Legal and Regulatory Environment

2 crs. • F, Wi, Sp, Su • P: Completion of 54 credits

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Legal environment affecting business decision making, including sources of law, court systems, civil procedure, negligence, intellectual property, criminal law standards, agency, partnerships, corporations and securities regulation, trade regulation, administrative law, and insurance law.

BSAD 306/506 Business Law

3 crs. • F, Sp • P: Admission to College of Business required. Minimum junior standing. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

BSAD 315 International Business Law

3 crs. • V • P: Admission to College of Business required. See current catalog for College of Business admission criteria. Minimum junior standing.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
A study of private and public law as it affects U.S. companies dealing in international business.

BSAD 380 Applied Quantitative Methods

3 crs. • F, Sp • P: MATH 111 or 114; BSAD 202 or MATH 246 or equivalent; IS 240. BSAD 380 should be taken as soon as possible after the completion of the course prerequisites.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• This class requires access to a laptop computer which can be brought to class when required. Quantitative aspects of business decision-making, including regression, time-series, ANOVA, queueing, simulation, decision analysis, and other statistical and management science techniques.

BSAD 398 Internship Program I

1-3 crs. • F, Sp, Su • SL-Optional; Special Course Fee Required; IN • May be repeated for a maximum of 3 credits • P: Admission to College of Business required. See current catalog for College of Business admission criteria. Minimum junior standing. • 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.

BSAD 399 Independent Study Projects

1-4 crs. • F, Sp, Su • May be repeated • P: Admission to College of Business required. See current catalog for College of Business admission criteria. Minimum junior standing. • Department Consent Required
Lecture/Discussion Hours: 1-4 | Lab/Studio Hours: 0

BSAD 491 Selected Topics in Business

1-3 crs. • V • May be repeated • P: Admission to College of Business required. See current catalog for College of Business admission criteria. Minimum senior standing. • Instructor Consent Required
Lecture/Discussion Hours: 1-3 | Lab/Studio Hours: 0
Small groups will study topics selected because of a special interest on the part of students or faculty.

BSAD 495 Directed Projects

3 crs. • V • May be repeated • P: Admission to College of Business required. See current catalog for College of Business admission criteria. Minimum senior standing. • Department Consent Required
Internship experiences in business situations relevant to student's major field of study; under supervision of faculty member.

BSAD 498 Internship Program II

1-3 crs. • F, Sp, Su • SL-Optional; Special Course Fee Required; IN • May be repeated • P: Admission to College of Business required. See current catalog for College of Business admission criteria. Minimum senior standing. • 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.

BSAD 499 Independent Study Projects

1-4 crs. • F, Sp, Su • May be repeated • P: Admission to College of Business required. See current catalog for College of Business admission criteria. Minimum senior standing. • Department Consent Required

HCAD

HCAD 101 Introduction to Health Services Administration

1 cr. • F, Sp • Field Trip(s) Required • P: Maximum class juniors. Not available for seniors.
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0
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.

HCAD 222 Multidisciplinary Perspectives on Aging

3 crs. • F • GE-V; Field Trip(s) Required
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.

HCAD 291 Special Topics

1-3 crs. • V • May be repeated for a maximum of 6 credits • Instructor Consent Required
Lecture/Discussion Hours: 1-3 | Lab/Studio Hours: 0
A variable content course consisting of topics of special interest to students and faculty that are not covered in other health care administration courses.

HCAD 299 Independent Study

1-3 crs. • F, Sp, Su • May be repeated • Department Consent Required
Independent study projects under the direction of a faculty member.

HCAD 301/501 Foundations of Quality Management Systems in Health Service

3 crs. • F • Special Course Fee Required; Field Trip(s) Required • P: HCAD 101, IDIS 201. Limited to health care administration majors.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• 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.

HCAD 302/502 Leadership and Management Practices in Health Services

3 crs. • Sp • Field Trip(s) Required • P: HCAD 101. Limited to health care administration or environmental public health majors.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• 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.

HCAD 375 Fundamentals of Health Care Finance

3 crs. • Sp • P: ACCT 202; ECON 103 and 104; IS 240. Admission to College of Business required. See current catalog for College of Business admission criteria.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.

HCAD 401 Fundamental Field Experience Skills

3-6 crs. • F, Sp, Su • SL-Full • May be repeated for a maximum of 15 credits • P: HCAD 301 and HCAD 302. Limited to HCAD majors.
• Limited to HCAD majors in the practicum year. Special course fee for practice certification and assessment exams will be imposed the first time students enroll for HCAD 401. This is an online course and requires access to a computer and the internet while completing the practicum.
The student depends on prescribed activities and rotations with a defined set of learning goals and experiences to gain a basic understanding of operational, regulatory, and environmental standards of resident service departments and functions.

HCAD 403 Resident Service Management

1 cr. • F • SL-Full; Special Course Fee Required • P: 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.
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.

HCAD 404 Quality Management in Health Care

1 cr. • F • SL-Full; Special Course Fee Required • P: 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 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.

HCAD 405 Health Services Human Resources Management

1 cr. • F • SL-Full; Special Course Fee Required • P: 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 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.

HCAD 406 Information Use and Systems

1 cr. • Sp • SL-Full • P: HCAD 301 and HCAD 302. Limited to HCAD majors.
• Limited to HCAD majors in the practicum year. This is an online course and requires access to a computer and the internet while completing the practicum.
Students develop an understanding of how to identify, prioritize, and use data and information to help them strategically manage a health and aging services organization.

MANAGEMENT AND MARKETING

HCAD 407 Financial Management in Health Care

1 cr. • Sp • SL-Full • P: 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 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.

HCAD 408 Marketing and Public Relations in Health Services

1 cr. • Sp • SL-Full • P: 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 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.

HCAD 411 Cultural Competency and Globalization

1 cr. • V • CD1 • P: HCAD 301 and HCAD 302. Limited to HCAD majors.
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0
• 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.

HCAD 412 Professional Ethics and Advocacy

1 cr. • V • P: HCAD 301 and HCAD 302. Limited to HCAD majors.
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0
• 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.

HCAD 413 Health Care Rules and Regulations

1 cr. • Wi • Special Course Fee Required • P: HCAD 301 and HCAD 302. Limited to HCAD majors.
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0
• 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.

HCAD 420 Health Care Administration Professional Development

3 crs. • Su • Special Course Fee Required • P: HCAD 301 and HCAD 302. Limited to HCAD majors.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• Limited to HCAD majors in the practicum year. This is an online course and requires access to a computer and the internet while completing the practicum.
The initial focus is on the practice of personal self examination, including the development of strengths and the awareness of limitations. Students will also gain an understanding of the necessary professional functions and skills to successfully serve in an administrative role in a health care organization.

HCAD 421 Fundamental Health Care Management Competencies

3 crs. • F • P: HCAD 301 and HCAD 302. Limited to HCAD majors.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• Limited to HCAD majors in the practicum year. This is an online course and requires access to a computer and the internet while completing the practicum.
This course will examine in-depth the management competencies necessary to successfully operate a health care organization. Students will explore their own level of ability in each of these critical areas of management and begin to focus on their own enhanced management proficiency.

HCAD 422 Strategic Health Care Leadership Practices

3 crs. • Sp • P: HCAD 301 and HCAD 302. Limited to HCAD majors.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• 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.

HCAD 491/691 Special Topics

1-3 crs. • V • May be repeated for a maximum of 6 credits • Instructor Consent Required
Lecture/Discussion Hours: 1-3 | Lab/Studio Hours: 0
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.

HCAD 495 Directed Studies

1-3 crs. • V • May be repeated • 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.

HCAD 499 Independent Study

1-3 crs. • F, Sp, Su • May be repeated • Department Consent Required
Independent study projects under the direction of a faculty member.

MGMT

MGMT 200 Developing the Leader Within You

3 crs. • F, Sp
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
A proactive approach to developing future leaders. Primary focus is aiding participants in gaining a better understanding and awareness of themselves through the enhancement of their self-worth and self-esteem.

MGMT 210 Service-Learning in Management

1 cr. • V • SL-Full • S/U Only Grade Basis
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.

MGMT 271 Introduction to the Entrepreneur Process and Mindset

2 crs. • F, Sp • P: Not available for seniors. Minimum sophomore standing.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
• 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.

MGMT 340 Organizational Behavior

3 crs. • F, Sp, Su • P: ECON 103 and 104, ACCT 202, IS 240, and completion of 54 credits. Admission to College of Business required. See current catalog for College of Business admission criteria.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• 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.

MGMT 341 Operations Management

3 crs. • F, Sp, Su • P: ECON 103 and 104, ACCT 202, IS 240, BSAD 202 or MATH 246, MATH 109 and completion of 54 credits. Admission to College of Business required. See current catalog for College of Business admission criteria.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.

MGMT 342/542 Quality Management

3 crs. • F • P: MGMT 341. Admission to College of Business required. Minimum junior standing. See current catalog for College of Business admission criteria.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
An examination of the technical and the managerial issues that are important in understanding and implementing quality assurance in manufacturing and service organizations.

MGMT 343/543 Purchasing and Supply Chain Management

3 crs. • F, Sp • A-F Grades Only • P: MGMT 341. Minimum junior standing. Admission to College of Business required. See current catalog for College of Business admission criteria.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• This class requires access to a laptop computer which can be brought to class when required.
Design and operation of effective purchasing processes. Supplier and supply chain management, with emphasis on globalization, and the role of information technology in enabling contemporary supply chain strategy.

MGMT 345/545 Managing Global Organizations

3 crs. • F, Sp, Su • FC • P: MGMT 340. Admission to College of Business required. Minimum junior standing. See current catalog for College of Business admission criteria.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• 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.

MGMT 349/549 Human Resource Management

3 crs. • F, Sp, Su • P: ECON 103 and 104, ACCT 202, BSAD 202 or MATH 246. Minimum junior standing. Admission to College of Business required. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

•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.

MGMT 354/554 Materials Management Simulation

1 cr. • V • P: MGMT 341. Admission to College of Business required. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

Simulation and analysis of different types of factory production and distribution systems using Goldratt simulation and constraint theory.

MGMT 371 Entrepreneurial Creativity and Idea Refinement

1 cr. • Sp • P: MGMT 271 or concurrent. Admission to College of Business required. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

•90 or fewer credits or consent of department chair.

Students learn to apply creativity concepts and techniques to generate new business ideas. Students will examine the roles of prototyping and leveraging new technologies in the idea refinement process.

MGMT 398 Internship Program I

1-3 crs. • F, Sp, Su • SL-Optional; Special Course Fee Required; IN • May be repeated for a maximum of 3 credits • P: Admission to College of Business required. See current catalog for College of Business admission criteria. Minimum junior standing. • 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.

MGMT 399 Independent Study Projects

1-4 crs. • F, Sp, Su • May be repeated • P: Admission to College of Business required. See current catalog for College of Business admission criteria. Minimum junior standing. • Department Consent Required

MGMT 414/614 Small Business Consulting

3 crs. • Sp • SL-Optional • P: Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Minimum senior standing. Admission to COB required. See current catalog for COB admission criteria. • Instructor Consent Required

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

MGMT 441/641 Service Operations Management

3 crs. • V • P: Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to College of Business required. Minimum junior standing. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Design of service systems; management techniques and issues in ongoing service operations.

MGMT 442/642 Production Planning and Control

3 crs. • F, Sp • P: MGMT 341. Admission to College of Business required. Minimum junior standing. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

The design and use of procedures for managing production systems; includes process planning and routing, scheduling, dispatching, and progress control.

MGMT 443/643 Process Simulation and Analysis

3 crs. • Sp • P: MATH 245 or 246. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Minimum junior standing. Admission to COB required. See current catalog for COB admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

•This class requires access to a laptop computer which can be brought to class when required. Simulation modeling and analysis using spreadsheets and discrete-event simulation software. Through a series of modeling exercises, students will examine a number of process design and scheduling issues relevant to manufacturing and service operations.

MGMT 445/645 Compensation Theory and Administration

3 crs. • F • P: BSAD 202 or MATH 245/246; BSAD 305. See current catalog for College of Business admission criteria. Admission to College of Business required.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

•MGMT 340 and MGMT 349 are recommended prior to enrollment in this course.

Study of theories, methods, and practices of compensation in organizations.

MGMT 446/646 Organizational Change and Development

3 crs. • F, Sp • P: Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB admission criteria. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Examines the phenomenon of organizational change at the strategic, structural, and employee level. Specific emphasis on how companies adjust and develop to the changing global marketplace is provided.

MGMT 449 Strategic Management in a Global Business Environment

3 crs. • F, Wi, Sp, Su • CP • P: All other courses in the BUSCORE. Admission to College of Business required. See current catalog for College of Business admission criteria. Minimum senior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

•Students will be required to purchase access to the GLOBUS online strategic management simulation.

Covers the formulation and implementation of business strategy in a global environment. Case studies and simulations provide an integrative view of international business operations from a total enterprise perspective. This course contains an integrated communication component.

MGMT 452/652 Master Planning of Resources

1 cr. • Sp • P: MGMT 442 or concurrent enrollment. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB admission criteria.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

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.

MGMT 453 Detailed Planning and Scheduling

1 cr. • V • A-F Grades Only • P: MGMT 452 • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

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.

MGMT 455/655 Industrial Relations

3 crs. • Sp • P: 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. Admission to COB required. See current catalog for COB admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Problems, hazards, and procedures which will be of assistance in establishing and maintaining good union-management relationships.

MGMT 459/659 Advanced Human Resource Management

2 crs. • F, Sp • P: MGMT 349. Completion of these BUSCORE requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Minimum junior standing. Admission to COB required. See current catalog for COB admission criteria.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

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.

MGMT 461/661 Lean Manufacturing Systems and Concepts

3 crs. • F, Sp • P: Completion of these BUSCORE Core requirements: BCOM 206, BCOM 207, BSAD 305, FIN 320, MGMT 340, MGMT 341, MKTG 330. Admission to COB required. See current catalog for COB admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Concepts, tools, and techniques applied in the design and operation of lean manufacturing systems.

MGMT 471 Business Plan Considerations and Drafting

2 crs. • Sp • P: ACCT 312; MKTG 334, 372. Admission to the College of Business. Minimum senior standing. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Students learn to refine and communicate business ideas in an entrepreneurial environment and present market, operational, and financial feasibility in a structured written business plan. Students will make a formal presentation of the plan to a panel of professionals.

MANAGEMENT AND MARKETING

MGMT 492/692 Topics in Human Resource Management

1-3 crs. • V • May be repeated • P: MGMT 349. Admission to College of Business required. Minimum junior standing. See current catalog for College of Business admission criteria. Additional prerequisites may be required depending on the topic.

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.

MGMT 493/693 Topics in Operations Management

1-3 crs. • V • May be repeated • P: MGMT 341. Additional prerequisites may be required depending on the topic. (See current Class Schedule.) Admission to College of Business required. Minimum junior standing. See current catalog for College of Business admission criteria.

• 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.

MGMT 494 Topics in Leadership

1-4 crs. • F, Sp • May be repeated for a maximum of 4 credits • P: Minimum junior standing.

Lecture/Discussion Hours: 1-3 | Lab/Studio Hours: 0

• 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.

MGMT 495 Directed Projects

3 crs. • F, Sp • May be repeated • P: Admission to College of Business required. See current catalog for College of Business admission criteria. Minimum senior standing. • Department Consent Required

Internship experiences in business situations relevant to student's major field of study; under supervision of faculty member.

MGMT 498 Internship Program II

1-3 crs. • F, Sp, Su • SL-Optional; Special Course Fee Required; IN • May be repeated • P: Admission to College of Business required. See current catalog for College of Business admission criteria. Minimum senior standing. • 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.

MGMT 499 Independent Study Projects

1-4 crs. • F, Sp, Su • May be repeated • P: Admission to College of Business required. See current catalog for College of Business admission criteria. Minimum senior standing. • Department Consent Required

MKTG

MKTG 210 Service-Learning in Marketing

1 cr. • V • SL-Full • S/U Only Grade Basis

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.

MKTG 330 Principles of Marketing

3 crs. • F, Wi, Sp, Su • P: ECON 103 and 104, ACCT 202, IS 240, and completion of 54 crs or consent of instructor. Admission to College of Business required. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

The marketing function is critical to the success of every organization around the world. 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. This course contains an integrated communication component.

MKTG 331 Buyer Behavior

3 crs. • F, Sp • CD1 • P: MKTG 330 or concurrent enrollment. Admission to College of Business required. Minimum junior standing. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Examines the personal characteristics and external forces influencing the buyer's purchase behavior. Includes an emphasis on implications for marketing strategy development.

MKTG 332/532 Marketing Communications and Promotion Analysis

3 crs. • F, Sp • SL-Optional • P: MKTG 330. Admission to College of Business required. Minimum junior standing. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

MKTG 334/534 Marketing Research

3 crs. • F, Sp • SL-Optional • P: BSAD 202 or MATH 246; MKTG 330. Admission to College of Business required. Minimum junior standing. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Emphasis on the application of research techniques in the marketplace and role of marketing information within the firm as a management tool in decision-making. This course contains an integrated communication component.

MKTG 335/535 International Marketing

3 crs. • F, Sp • FC • P: MKTG 330. Admission to College of Business required. Minimum junior standing. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Principles, policies, and problems of marketing goods in international markets. Concepts, strategies, and policies of world trade and multinational firms.

MKTG 336 Business Logistics Management

3 crs. • V • P: MKTG 330. Admission to College of Business required. Minimum junior standing. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

MKTG 337 Professional Selling

3 crs. • F, Sp • P: MKTG 330 or concurrent enrollment. Admission to College of Business required. Minimum junior standing. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

MKTG 338 Marketing Analytics and Technology

3 crs. • F, Sp • Special Course Fee Required • P: IS 240, MKTG 330 or concurrent enrollment. Admission to College of Business required. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• This class requires access to a laptop computer which can be brought to class when required. Analytical approaches to marketing decision-making using software and database (e.g., Nielsen retail databases, among others). Emphasis will be placed on Internet marketing, customer relationship management, retail and survey/statistical analyses.

MKTG 372 Advanced Marketing for Entrepreneurs

3 crs. • F • P: MGMT 371; MKTG 330; Admission to the College of Business. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Students learn to identify and examine successful strategies in an entrepreneurial environment, and how opportunities are pursued in a global business environment.

MKTG 398 Internship Program I

1-3 crs. • F, Sp, Su • SL-Optional; Special Course Fee Required; IN • May be repeated for a maximum of 3 credits • P: Admission to College of Business required. See current catalog for College of Business admission criteria. Minimum junior standing. • 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.

MKTG 399 Independent Study Projects

1-4 crs. • F, Sp, Su • May be repeated • P: Admission to College of Business required. See current catalog for College of Business admission criteria. Minimum junior standing. • Department Consent Required

MKTG 425 Marketing in Service Organizations

3 crs. • F • P: MKTG 330

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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."

MKTG 432 Retail Management

3 crs. • V • P: MKTG 330. Admission to College of Business required. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

MKTG 433/633 Sales Management

3 crs. • Sp • P: MKTG 330. Admission to College of Business required. Minimum junior standing. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

MKTG 437/637 Business-to-Business Marketing

3 crs. • V • P: MKTG 330. Admission to College of Business required. Minimum junior standing. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

MKTG 438/638 Marketing Management

3 crs. • F, Sp • CP • P: MKTG 330 and completion of at least two marketing courses beyond MKTG 330. Admission to College of Business required. Minimum senior standing. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

MKTG 490 Advanced Sales Topics

3 crs. • Sp • P: MKTG 337. Admission to College of Business required. See current catalog for College of Business admission criteria.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

MKTG 491 Selected Topics

1-3 crs. • Sp • May be repeated • P: Admission to College of Business required. Minimum senior standing. See current catalog for College of Business admission criteria.

Small groups will study topics selected because of a special interest on the part of students or faculty.

MKTG 495 Directed Projects

3 crs. • V • May be repeated • P: Admission to College of Business required. Minimum senior standing. See current catalog for College of Business admission criteria. • Department Consent Required

Internship experiences in business situations relevant to student's major field of study; under supervision of faculty member.

MKTG 498 Internship Program II

1-3 crs. • F, Sp, Su • SL-Optional; Special Course Fee Required; IN • May be repeated • P: Admission to College of Business required. Minimum senior standing. See current catalog for College of Business admission criteria. • 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.

MKTG 499 Independent Study Projects

1-4 crs. • F, Sp, Su • May be repeated • P: Admission to College of Business required. Minimum senior standing. See current catalog for College of Business admission criteria. • Department Consent Required

MSL**MSL 101 Leadership and Personal Development**

1 cr. • F • Field Trip(s) Required • A-F Grades Only • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• Optional off-campus training weekend. Lab 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.

MSL 102 Introduction to Tactical Leadership

1 cr. • Sp • A-F Grades Only • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• Lab 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.

MSL 201 Innovative Team Leadership

2 crs. • F • Field Trip(s) Required • A-F Grades Only • P: MSL 102 or consent of instructor.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

• Optional off-campus training weekend. Lab 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.

MSL 202 Foundations of Tactical Leadership

2 crs. • Sp • A-F Grades Only • P: MSL 201 or consent of instructor.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

• Lab 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.

MSL 301/501 Adaptive Team Leadership

3 crs. • F • Field Trip(s) Required • A-F Grades Only • P: MSL 101, 102, 201, 202 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

• Lab 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.

MSL 302/502 Applied Team Leadership

3 crs. • Sp • Field Trip(s) Required • A-F Grades Only • P: MSL 301 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

• Lab 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.

MSL 401/601 Developing Adaptive Leaders

3 crs. • F • Field Trip(s) Required • A-F Grades Only • P: MSL 302 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

• Lab 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 hones organizational-level and assessment skills.

MSL 402/602 Leadership in a Complex World

3 crs. • Sp • Field Trip(s) Required • A-F Grades Only • P: MSL 401 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

• Lab 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 hones organizational-level and assessment skills.

College of Education and Human Sciences

GAIL P. SCUKANEC, DEAN (BREWER 153)

JILL T. PRUSHIEK, INTERIM ASSOCIATE DEAN (BREWER 154)

MARVIN LYNN, Associate Dean—Teacher Education Program (Brewer 154)

COLLEGE OF EDUCATION AND HUMAN SCIENCES DEPARTMENTS

Teacher Education Departments	Human Sciences Departments
Education Studies	Communication Sciences and Disorders
Special Education	Kinesiology
	Social Work

COLLEGE CENTERS, CLINICS, AND SPECIAL PROJECTS

Camp Campus
Cancer Recovery and Fitness Program
Center for Communication Disorders
Community Fitness Program
Home School Physical Education Program
Learning Enhancement and Progress (LEAP) Clinic
Physical Activity and Recreation for Individuals with Disabilities in the Eau Claire Area (PRIDE) Program
Reading Partners Program

College Vision, Mission and Core Values

The vision of the College of Education and Human Sciences (CoEHS) is to be a regional leader in the development of highly competent, critically engaged professionals who enhance the lives of others in an increasingly diverse society.

Committed to the highest standards of academic excellence, our mission is to prepare students to become engaged professionals who are creative thinkers, evidence-informed practitioners, and culturally responsive individuals.

Integrity, collaboration, and social justice are the core values that enable us to fulfill our mission and move toward achieving our vision.

College of Education and Human Sciences DEGREES AND CURRICULA

Bachelor of Arts

Art	Latin American Studies
Economics	Political Science
English	Social Studies
French	Sociology
German	Spanish
History	Theatre Arts

Bachelor of Science

Athletic Training	Geology
Biology	Kinesiology
Chemistry	Mathematics
Communication Sciences and Disorders	Physical Science
Elementary Education	Physics
Geography	Physics-Mathematics
	Special Education

Bachelor of Music Education

Bachelor of Social Work

MINORS IN HUMAN SCIENCES DEPARTMENTS

Science of Coaching-Liberal Arts

Kinesiology-Liberal Arts

Topical Minor-Liberal Arts

MINORS IN EDUCATION

A list of certifiable minors in education is found in the section of the catalog devoted to the Department of Education Studies.

Dean's List

At the end of each semester, the College of Education and Human Sciences recognizes excellence in scholastic achievement by publishing the Dean's List. For teacher education majors, eligibility for this recognition requires admission to a teacher education program or pre-education status, but excludes the professional semester.

To be eligible, a student must:

- (1) be in good academic standing;
- (2) have a minimum semester GPA of 3.70;
- (3) have completed at least 12 credits during the semester, with no incompletes, no courses below the 100-level, no repeats, and no Satisfactory/Unsatisfactory registrations (except in degree credit-bearing courses that are offered only on the S/U grading system in which a grade of S has been earned).

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

Criminal History and/or Caregiver Background Checks

Wisconsin law requires that persons responsible for the care, safety, and security of children and adults will be required to have background checks. In some cases, placement into an externship, professional semester, internship, or practicum will be dependent on the background check results. Course fees will be assessed to cover the cost of the background check and results may be shared with the practicum, professional semester, externship, or internship site.

The College of Education and Human Sciences requires applicants to complete a Background Information Disclosure and a release for a criminal background check. Falsification or omission of information relevant to the questions may constitute grounds for denial of admission to the course(s) or for termination of admission if the falsification or omission is discovered after admission. Further, after submission of the questionnaire, while an application is being considered or while a student in the program, if circumstances occur that would change any response(s), students must inform the College of the changed response(s). For further information, contact the College of Education and Human Sciences Associate Dean's office (Brewer 154).

Liability for Health Care Expenses

All expenses associated with health surveillance and care are borne by the student unless the Student Health Service specifically indicates otherwise. Students are not covered by health or accident insurance by UW-Eau Claire, the practicum facility, or the practicum institution. In addition, workers' compensation insurance does not cover students. For example, if students suffer a needle stick or are hurt while in practicum, they will need personal health insurance to cover medical bills.

Teacher Education

The programs in teacher education offered in the College of Education and Human Sciences are fully approved by the Wisconsin Department of Public Instruction.

Bachelor's Degree Programs

The University offers bachelor's degrees to teacher education candidates in Middle Childhood through Early Adolescence (MC-EA), Early Adolescence through Adolescence/Early Childhood through Adolescence (EA-A/EC-A), Special Education.

Middle Childhood through Early Adolescence (Ages 6-12 or 13)

The Bachelor of Science degree in Elementary Education is designed to provide candidates with sufficient breadth and depth in the disciplines taught in middle childhood through early adolescence classrooms to prepare them to work in self-contained classrooms or in multiunit schools. The preparation focuses on an understanding of children and the learning processes as well as on effective methods of presentation. A certifiable minor also is required.

Early Adolescence through Adolescence (Ages 10 - 21)

Degree programs in Secondary Education provide specialized preparation through academic majors and minors which have been approved for teacher certification. Students preparing to teach in middle, secondary, or continuing education programs must complete certifiable specializations according to one of the following options:

1. a standard major of 36 credits and a standard minor of 24 credits; or
2. two standard majors of 36 credits each; or
3. a comprehensive major of 60 or more credits.

A list of certifiable majors and minors is found in the section of this catalog devoted to the Department of Education Studies.

NOTE: With option 1, the student may elect a certifiable minor, but a certifiable minor is not required.

Early Childhood through Adolescence (Ages 6 - 21)

Programs are offered which prepare teachers to work with children at all grade levels in art, foreign languages, music, physical education, and theatre arts.

Special Education

The Bachelor of Science degree in Special Education provides graduates with professional abilities in educational assessment, staffing, programming, and teaching children and youth with disabilities. Teacher preparation is offered in the areas of cognitive disabilities, emotional/behavioral disabilities, learning disabilities, and early childhood: special education. Various combinations of teacher certification in special education and middle childhood through early adolescence regular education are available.

Graduate Programs

Teacher and other school personnel programs are offered at the graduate level in professional development, special education, reading, communication sciences and disorders, school psychology, library science, and social work (Madison-Eau Claire program). See the current graduate catalog.

Non-degree Programs and Additional Certification Programs

Non-degree programs leading to teacher certification in any of the fields of study offered in baccalaureate and graduate programs can be arranged for candidates who hold bachelor's or advanced degrees. Due to enrollment limitations, a small number of students are accepted in non-degree and second degree programs.

Directed and Independent Studies

Many opportunities are available for students to study, independently or in small groups, problems and topics in education which may not be included or explored in depth in regular course offerings.

Directed studies for groups can be arranged by departments and offered as special courses, either on campus or in off-campus settings. Those interested in directed studies should consult with a department chair.

Independent study, through a student-initiated procedure in which a unit of study is described and approved prior to enrollment, allows a student to earn one to three credits for each such educational experience. Those interested in independent study should obtain appropriate forms in department offices.

Independent and directed study should not be used as a way of taking courses which are approved as regular offerings in the College.

International Education

Students are invited to participate in exchange programs sponsored by the Center for International Education. In the sophomore, junior, and senior years, study abroad programs offer students opportunities to visit another country and take courses on the host campus that will fulfill UW-Eau Claire requirements.

Students are also encouraged to consider completing part of their student teaching experience in classrooms in a variety of countries. Exchange student teaching programs are available during the fall and spring semesters through Educators Abroad and meet Department of Public Instruction requirements. Students must complete one student teaching placement in Wisconsin and then complete an additional placement in another country, following its academic calendar.

Students interested in any of these international studies programs should contact the Center for International Education (Schofield 3) or the Field Experience, Certification and Licensing Office, Brewer 151.

Immersion Experiences

Students are invited to participate in specially arranged student teaching experiences and other field experiences in a variety of settings including the Milwaukee Public Schools, Washington, D.C., and the Al-dine School District in Houston, Texas. Students interested in these opportunities will gain experience working in a multicultural and multi-ethnic district. Interested students should contact the Field Experience, Certification and Licensing Office, Brewer 151, for details.

Program and Degree Requirements

University Requirements

All candidates for teacher education baccalaureate degrees in the College of Education and Human Sciences must fulfill the minimum requirements for credits and curriculum as specified in the section of this catalog titled Graduation Requirements.

College Requirements for Teacher Education

All candidates for teacher education baccalaureate degrees must also meet the following:

1. General Education requirements in the College of Education and Human Sciences.
2. Grade point requirements:

Resident	2.75 average
Total	2.75 average
Major	2.75 average
Minor, (for certification only)	2.75 average
3. Residency requirements:

Minimum Total	30 credits
Senior Year	23 credits
Major, in upper division courses	12 credits
Comprehensive Major, in upper division courses	21 credits
4. Criteria and requirements for Professional Programs and for Admission to the Professional Semester.
5. Specific requirements of programs offered in the College of Education and Human Sciences. (See the departmental sections of this catalog.)

Degree Planning

A degree plan indicates how a student expects to meet the curricular requirements for a degree. Degree plan forms for the various programs offered in the College may be obtained in department offices. These plans are for students' use in planning programs with their advisers. The plans are supplemented by the Registrar's Office Degree Audits used for official evaluation of academic progress.

Human Relations/Cultural Diversity/ Service-Learning Requirements

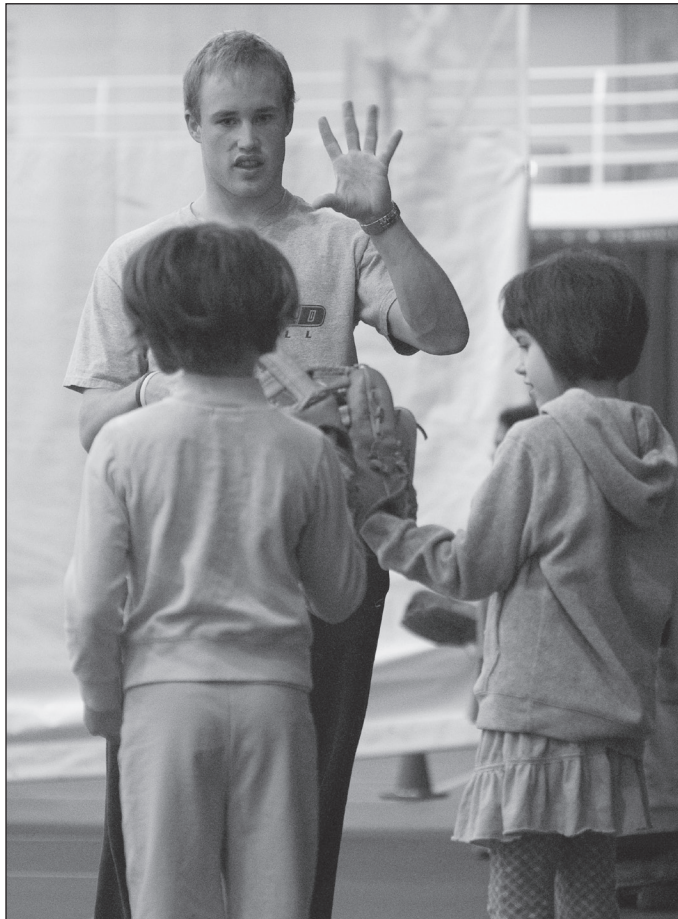
Students in teacher education majors shall meet the Wisconsin Department of Public Instruction's Human Relations Requirement and the UW-Eau Claire Cultural Diversity Requirement by completing ES 385/585, Social Foundations: Human Relations, which includes completion of 30 hours of direct contact fieldwork with racial/ethnic/cultural minorities different from themselves, people from low-income backgrounds, and people with disabilities. This fieldwork satisfies the University Service-Learning Requirement. Students are expected to accrue 15 of the 30 hours of volunteer/fieldwork prior to the semester they are enrolled in ES 385/585.

Admission to Professional Education Programs

Criteria for Admission

Formal application to the professional education program must be made by October 1 for spring admission or March 1 for fall admission. Only students who meet **all** criteria listed below should apply.

1. Approval by the appropriate department in the College of Education and Human Sciences. See Education Studies and Special Education sections of this catalog for criteria to be considered in making these recommendations.
2. Pre-education status.
3. **Minimum** resident and total GPAs of 2.75 on a minimum of 30 credits of degree work exclusive of courses with education (ES, Lmed, Mued, Sped) prefixes. Admission is competitive; thus the minimum GPAs do not assure admission to a professional program in education.
4. Completion of Engl 110 or Hnrs 101 with a grade of C or above.
5. Good academic standing.
6. Passing scores on Praxis I Pre-Professional Skills Tests of mathematics, reading, and writing. Passing scores in Wisconsin are: Mathematics 173, Reading 175, and Writing 174. Information on the PPST is available through Academic Testing, Schofield 226.



Application Procedure

Formal application to the professional program must be made. **The number of students admitted to a program is limited by resources available. Not everyone who applies can be guaranteed admission.** See the appropriate section of this catalog for criteria upon which the departmental recommendation will be based. Note that minimum criteria for a department may exceed the minimum criteria listed above.

Students who do not meet all the criteria listed above or who do not receive a favorable departmental recommendation may reapply during a later application period.

Special or Transfer Students

Special students and transfer students who desire to be admitted to the Teacher Education Program in the College of Education and Human Sciences should inform the Admissions office upon application for admission to the University. They should indicate their area of interest. These students are expected to have a minimum GPA of 2.75.

Retention in Professional Education Programs

Students who are in good standing in the University but are having difficulty meeting the College of Education and Human Sciences criteria for professional education programs are strongly advised to seek the counsel of their adviser and/or the Associate Dean of the College of Education and Human Sciences regarding their continuation in the program. A student may continue in the program while in good standing or after receiving an Academic Warning. (See Academic Standing and Progress.) However, if placed on probation or if readmitted after a first suspension, the student may continue in the program only upon recommendation of the department concerned (Education Studies or Special Education). After a second suspension, the student may not continue in the professional education program.

Admission to the Professional Education Semester

The "professional semester" is defined as the senior semester in which a student is enrolled in the field experience of student teaching or internship.

Filing Applications

Students who plan to enter the professional semester during the fall semester of the next academic year must file an application available at an education "professional semester" meeting held each November. Students who plan to enter the professional semester during the spring semester of the next academic year must file an application at an education "professional semester" meeting held in April. Dates for these meetings will be posted across campus.

Students are encouraged to submit their applications as soon as possible after the meeting. Considerable time is required to process each application—that is, to determine eligibility, to make arrangements with schools for an appropriate field experience assignment, and to allow for introductions, orientations, and, in some cases, interviews. Students who file early will benefit by the careful consideration that can be given to their requests; the later an application is received, the fewer the placement assignments and choices still available. Failure to file an application on time may result in a delay of the professional semester.

Transfer and Special Students

No transfer or special student can enter the professional semester until after a full semester of residence and after earning a minimum of 15 credits at UW-Eau Claire. Senior transfer students enrolling in September must file an application for admission to the professional semester by December 1 for the following fall.

Criteria for Admission

No application for admission to the professional semester will be processed in the case of transfer and special students unless a full semester of residence and a minimum of 15 credits have been earned at UW-Eau Claire.

Factors to be considered in the application for admission to the professional semester are:

1. Criteria for admission to a professional program have been met.
2. Good academic standing, as defined in the catalog section on Academic Standing and Progress.
3. A minimum of 90 credits completed prior to the professional semester.
4. Completion of courses which are prerequisite to field experience. For each program, a list of prerequisite courses is available in the Field Experience, Certification and Licensing office, Brewer 151.
5. Approval of the major and minor department(s).
6. Resident and total GPAs of at least 2.75; GPAs of at least 2.75 in the major(s) and minor(s) intended for certification; and a 2.75 or higher GPA based on a combination of all course work in the major, minor (where certifiable), and professional education courses, including Psyc 261. All college-level courses attempted by the student are included when major, minor, and total GPAs are determined for admission to the professional semester and for graduation.
7. Passing score(s) on appropriate Praxis II content test(s). Information on Praxis II is available through Academic Testing, Schofield 226, and at www.ets.org/praxis.
For placements in the fall semester, the last test date for the Praxis II Content Exam is the preceding January date.
For placements in the spring semester, the last test date for the Praxis II Content Exam is the preceding August date.
For placements in the summer session, the last test date for the Praxis II Content Exam is the preceding November date.
8. Completion of the 30 hour Human Relations Fieldwork requirement.
9. Evidence of freedom from tuberculosis. Tests are provided by Student Health Service when filing for the professional semester.
10. Approval by the appropriate departments in the Colleges of Education and Human Sciences and Arts and Sciences.
11. Proficiency in speaking and listening demonstrated in CJ 202, or a public speaking course and CJ 205.



Deadline for Meeting Criteria

For placements in the fall semester, criteria for which the student is responsible (GPA, TB test, Praxis II Content Test[s], and Psyc 261) must be met by March 1 of the preceding semester.

For placements in the spring semester, these criteria must be met by October 1 of the preceding semester.

For placements in the summer session, these criteria must be met by February 1 of the preceding semester.

Failure to meet criteria on time may result in a delay of the professional semester.

Credentials

All senior students in education are encouraged to enroll with the University's teacher placement service, located in the Career Services office, for assistance in preparing a set of professional credentials and in locating job opportunities.

Licensure to Teach

Criteria for Recommendation for Licensure:

1. Completion of a baccalaureate degree.
2. Completion of an approved teacher education major, including portfolio approval.
3. A 2.75 or higher GPA in the major and minor (where certifiable) and in the combination of all course work in the major, minor (where certifiable), and professional education courses exclusive of student teaching. All college-level courses attempted by the student except student teaching are included when major, minor, and professional education GPAs are determined for recommendation for licensure.
4. Completion of student teaching courses with a mark of S, or grade of B- or above in departments where a letter grade is assigned.
5. A passing score on a Praxis II content examination in each certification major, minor, and concentration, unless the field is exempted by the State Superintendent. The standardized examination and passing score shall be determined by the State Superintendent.

Wisconsin Application

A graduate desiring a license to teach in Wisconsin may obtain the Wisconsin Department of Public Instruction (DPI) application form from the DPI Web site at <http://dpi.wi.gov/tepd1/applications.html>.

Upon completion of all items appropriate to certification desired, the application and a check or money order payable to the Wisconsin Department of Public Instruction should be returned to the Field Experience, Certification and Licensing office, Brewer 151. When the completion of all licensure criteria has been verified, the application will be endorsed by the certification or assistant certification officer who serves as the institution's representative to DPI. The endorsed application and the fee will be forwarded to DPI. The initial license issued will be valid for five years and will be sent by DPI directly to the applicant.

Out-of-state Applications

It is recommended that graduates seeking licensure to teach in states other than Wisconsin request application forms and instructions from the Department of Education of the state in which licensure is desired. Inquiry early in the period of professional preparation is advisable. In most cases, an official transcript of credits must accompany the completed application form; additional tests or course work may be required. Therefore, it is imperative to check requirements of other states. A helpful Web site to obtain requirements of other states is www.uky.edu/education/tep/uscert.html. Wisconsin, and most other states, require institutional endorsement. In general, candidates will be able to obtain licenses in other states.

UNIVERSITY REQUIREMENTS IN TEACHER EDUCATION IN THE COLLEGE OF EDUCATION AND HUMAN SCIENCES

Candidates for baccalaureate degrees or certification in teacher education must meet General Education requirements as follows:

	Middle Childhood through Early Adolescence (formerly Elementary Education)	Early Adolescence through Adolescence and Early Childhood through Adolescence (formerly Secondary Education and Special Subjects)	Special Education EBD/MC-EA Regular Education and LD/MC-EA Regular Education follow Middle Childhood through Early Adolescence (formerly Elementary Education)
English Composition	Engl 110 or 112 or Hnrs 101 with a grade of C or above		
Wellness	One credit each in Wellness Theory and Physical Activity or Kins 186		
Cultural Diversity	ES 385 satisfies requirement		
Service Learning	ES 385 satisfies requirement		
Foreign Language/ Foreign Culture	See: Foreign Language/Foreign Culture Requirements		
GE Category I Communications Minimum of six credits including at least one A and one B	A. C J 202 B. Math 203*, 204, & 305	B. any Math course 104 or higher* (three credits minimum)	B. CD/LD: Math 203* and one of Math 204, 305 Sped: EC Math 203*
GE Category II Natural Sciences Nine to 12 credits from at least two subcategories, including one lab science course** A. Biology, B. Chemistry, C. Geography (physical), D. Geology, E. Physics, F. Interdisciplinary Studies- Natural Sciences	Biol 100, Phys 100, and Geol 106	Nine to 12 credits of GE courses from at least two departments including one from Biol and at least one from Chem, Physical Geog, Geol, Phys, or Interdisciplinary Studies - Natural Science	CD/LD: Two from Biol 100, Phys 100, Geol 106; one elective Sped: EC Biol 100, Geog 178, and electives
GE Category III Social Sciences Nine to 12 credits from at least two subcategories A. Anthropology B. Economics C. Geography (cultural) D. Political Science E. Psychology F. Sociology G. Interdisciplinary Studies- Social Sciences	Pols 110***, Psys 261; plus elective		
Category IV Humanities Nine to 12 credits from at least two subcategories A. Fine Arts B. Philosophy/Religious Studies C. History D. English/Foreign Language Literature E. Interdisciplinary Studies- Humanities	One literature course (IVD English literature or Foreign Languages literature)**** electives to satisfy minimum credits and subcategories	plus at least one course from GE-IVA and electives to satisfy minimum credits and subcategories	plus at least one course from GE-IVA and elective to satisfy minimum credits and subcategories
Category V University Wide General Education	Students may include up to six credits from this category in General Education.		
Western / Non-Western	One course in Western history or Western contemporary culture AND one course in non-Western history or non-Western contemporary culture must be taken as part of GE-III or GE-IV. ****		
<p>*Must be completed before completion of sophomore year with a grade of C or above. **Laboratory Science Courses: Biol 100, 110, 111, 151, 181, 195, 214, 320, 356, 392; Chem 100, 103, 104, 115, 325; Geog 104; Geol 106, 110, 115, 118; Msci 100; Phys 100, 211, 212, 226, 229, 231, 232. ***Not required for Physical Education Teaching emphasis. ****See list of options available in college office or on degree audit.</p>			

Education Studies

BREWER HALL 271
(715) 836-5846
www.uwec.edu/es/index.htm

JILL P. PASTRANA, CHAIR

JANET AMANN, MELISSA BRUCE, ARAM DEKOVEN, CHRISTIN DEPOUW, JENNIFER FAGER, BRANDON FOX, ROBERT HOLLON, YUN-TING HUNG, PATRICIA KLEINE, MICHAEL KOLIS, CAROL KOROGHLANIAN, INCHO LEE, MARVIN LYNN, SHERRY MACAUL, SUSAN MCINTYRE, DEBORAH PATTEE, JILL PRUSHIEK, ROBERT REID, ERIC TORRES, JERRY WORLEY, AND ASSOCIATED TEACHER EDUCATION FACULTY.

Purposes and Goals

The Department of Education Studies prepares teachers for elementary, middle level, and high school classrooms through several programs. Through a series of courses and experiences emphasizing reflection, decision-making, and collaborative leadership, students develop knowledge, skills, and dispositions necessary for effective teaching. Students also acquire skill in (1) planning and using various teaching methods and resources, (2) creating and maintaining a positive learning environment, and (3) evaluating learning and instruction. The Department of Education Studies also provides leadership, vision, and service for the core elements of all teacher education and library science programs. Core professional studies which are common to all programs include field experiences; the social, cultural, historical, legal, and philosophical foundations of education; pedagogy for diverse learners; instructional, informational, and media technology; educational research; assessment; and leadership studies. At the completion of a program, students are ready to assume responsibilities for classroom teaching and are prepared to continue developing as a professional.

Degrees Awarded

The following majors lead to the Bachelor of Arts Degree: Art, Economics, English, French, German, History, Latin American Studies, Political Science, Social Studies, Sociology, Spanish, and Theatre Arts.

The following majors lead to the Bachelor of Science Degree: Biology, Chemistry, Elementary/Middle Level Education, Geography, Geology, Kinesiology (Physical Education), Mathematics, Physical Science, Physics, and Physics-Mathematics.

All majors in Music lead to the Bachelor of Music Education.

Student Transportation

All programs that lead to teacher licensure require multiple field experiences. Students in teacher education programs must provide their own transportation to and from field experiences. Some field experiences may require travel to other communities.

Program Options

Programs in the Department of Education Studies are designed to lead to licensure by the state of Wisconsin. UW-Eau Claire provides these three program options:

- A. Middle Childhood through Early Adolescence (MC-EA)
- B. Early Adolescence through Adolescence (EA-A)
- C. Early Childhood through Adolescence (EC-A)

Students should select the program option they wish to pursue and follow the requirements for that program. In addition to the program requirements, all students must complete the appropriate General Education requirements (see General Education: College of Education and Human Sciences) and other University requirements for graduation.

Satisfactory/Unsatisfactory Policy

No degree credit may be earned under the Satisfactory/Unsatisfactory option in required education studies, library science and media education, or special education courses unless Satisfactory/Unsatisfactory is the only grading option available for the course.

Pre-program. Before seeking admission to a program, students must complete the appropriate pre-program course(s): ES 203 (Exploring Schooling in Grades 1-8) for Option A, ES 210 (Initial Teaching Experience in High School) and ES 211 (Initial Teaching Experience in Middle School) for Options B and C (Foreign Language and Latin American Studies Teaching majors only), or ES 212 (Initial Teaching Experience in Elementary, Middle, and High School Settings) for Option C.

To enroll in ES 203, a student must meet the following criteria: (1) pre-education status, (2) completed at least 14 credits, (3) resident and total GPAs of 2.75 or higher, (4) grade of C or above in Engl 110 or equivalent. To enroll in ES 210, 211 or 212 a student must meet the following criteria: (1) pre-education status, (2) completed at least 14 credits, (3) resident and total GPAs of 2.75 or higher, (4) grade of C or above in Engl 110 or equivalent, (5) passing scores on the Praxis I: Pre-Professional Skills Test (PPST) in reading, writing, and mathematics. Space available for these courses will be limited to resources available.

Program Admission Information

The programs in the Department of Education Studies are designed to continually assess the knowledge, skills, and dispositions of the best candidates to be recommended for endorsement to the Wisconsin Department of Public Instruction for certification to teach in the state of Wisconsin. Students are admitted to program on a selective and limited basis from a pool of candidates who meet minimum criteria. Students who enter the University and who plan to pursue one of the program options A, B, or C should understand that not all who seek admission to the College of Education and Human Sciences, and to the program, will be admitted, even if minimum criteria are met. Detailed descriptions of program admission criteria and procedures are available from the department office, Brewer 271, given that changes occur in an attempt to use admission results and information to improve curricula.

Admission to Program (Gate #1)

Students who wish to pursue any of the three program options [A: Middle Childhood through Early Adolescence (MC-EA), B: Early Adolescence through Adolescence (EA-A), and C: Early Childhood through Adolescence (EC-A)], must file a formal application by October 1 for spring admission or March 1 for fall admission. Admissions committees are convened and decisions are made in time for students to register for program courses for the ensuing semester. When students are admitted to any of these three programs, they are also admitted to the College of Education and Human Sciences Teacher Education Program.

Admission to the Option A Program (MC-EA): (Block)

Students should obtain the MC-EA Advising Handbook which provides information on process and procedures, as well as rubrics, for scoring the ten Wisconsin Teaching Standards, and auxiliary information (e.g., certifiable minor choices, resumé format, etc.). Students wishing consideration for admission to the program should apply one year prior to the semester in which they want to be in the "block" (methods) courses. Students may not apply for program while enrolled in ES 203, Exploring Schools in Grades 1-8. Candidates for admission to program prepare a "portfolio" based on *four* of the ten teaching standards (#s 1, 2, 4, 9). Additional criteria for admission include: overall GPA, performance in ES 203, Exploring Schools in Grades 1-8, a degree plan, dispositions toward teaching, and overall writing and quality of the application materials. The MC-EA Admissions Committee is comprised of two faculty members from the Education Studies department, two elementary and/or middle level teachers or principals, and two faculty or academic staff members from the teacher associated faculty from the College of Education and Human Sciences. Each portfolio is reviewed by two raters and average scores are determined by the MC-EA program coordinator. Rank-ordered total scores on the portfolio are provided to the chairperson who notifies the applicants of their admission status. Students are admitted based on the total portfolio score. Students who are not admitted may apply one additional time.

EDUCATION STUDIES

Admission to the Option B (EA-A) and C (EC-A) Programs: (Block)

Students who want to be considered for admission to these programs and the College of Education and Human Sciences Teacher Education Program should apply the semester before they want to enroll in the methods sequence of courses, also known as the “block” (e.g., ES 312, 318, 328, etc.). Students may not apply for program while enrolled in ES 210/211 or 212, the pre-program courses. Candidates prepare a portfolio based on the ten Wisconsin Teaching Standards for the Department of Education Studies (see the EA-A/EC-A program coordinator for education program-related questions and rubrics used for scoring portfolios). Additionally, content departments have requirements for admission which focus predominantly on content knowledge (e.g., Foreign Language and Latin American Studies requires passing an oral competency exam in the target language). Students should see their content area adviser for information or direction to the education adviser in that department. The EA-A/EC-A Admissions Committee is comprised of EA-A/EC-A faculty from the Department of Education Studies and at least one member from each of the certifying areas: Art, Music, English, Kinesiology, Mathematics, Social Studies, History, Science, Foreign Language, and Theatre Arts. The portfolios are scored by EA-A/EC-A faculty in the Department of Education Studies, and a list of applicants with rank-ordered total portfolio scores is compiled. The EA-A/EC-A program coordinator convenes a meeting of the EA-A/EC-A admissions membership where final decisions are made for admission to the program, College, and the block semester. The list of admitted and declined applicants is provided to the chairperson who notifies the applicants of their admission status. Students who are admitted to program must take ES 312 and 318 the subsequent semester. Unsuccessful candidates may reapply once. For current information see: www.uwec.edu/ES/programs/secondary-eaa-eca.htm.

Admission to the Professional Semester (Gate #2): Professional Semester

Applicants in program option A below must earn a minimum grade of B in the Block practicum field experience for three of the five areas: language arts, mathematics, reading, science, and social studies and earn a minimum GPA of 2.75 across the block courses with no less than a C in the following courses: ES 304, 305, 306, 307, 308, 309 to gain departmental approval for admission to student teach or intern.

Applicants in options B and C below must earn a minimum grade of B- in each of the professional education courses (ES 210/211 or 212, 312, 317, 318*, 328, content methods) to be considered for admission to student teach or intern. *Music Education majors take Mued 318 instead of ES 318.

All students seeking licensure through programs in the department of Education Studies must complete a full semester of student teaching or internship. All applicants for student teaching or internships must have resident, total, and professional education course GPAs of 2.75 or higher and have departmental approval. Grades for student teaching courses (ES 440, 441, 445, 446, 470, and 475) are reported and recorded on a satisfactory/unsatisfactory basis.

PROGRAM OPTION A

This program option offers pedagogical studies in the basic areas of reading, language arts, social studies, science, and mathematics, and in special subjects such as art, music, children’s literature, health, speech, physical education, and special education. The major is designed to provide students with strong preparation in all the subjects taught in elementary and middle schools.

OPTION A: MC-EA

Middle Childhood through Early Adolescence Licensure

MAJOR: Eled, Middle Childhood/Early Adolescence (Code 940-206)

ES 203, 285, 304, 305, 306, 307, 308, 309, 380, 385, 415, 435, and 441 and 445, or 440 or 446; and 457, 490, 497; Art 300; Kins 361; Lmed 305; Musi 340; and Sped 400. This major leads to Middle Childhood through

Early Adolescence: Regular Education licensure. Students are required to select a second major or minor from list below.

<i>Majors</i>	<i>Code</i>	<i>Prescribed Methods Course</i>	<i>Praxis II Additional Requirement</i>	<i>Content Test Required</i>
Middle Childhood/ Early Adolescence	940-206	see above		ETS 20146

APPROVED MAJORS AND MINORS FOR OPTION A

<i>Second Majors*</i>	<i>Code</i>	<i>Prescribed Methods Course</i>	<i>Additional Requirement</i>	<i>Praxis II Content Test Required</i>
French	260-203	ES 437 (Sp)	study abroad in language	WPT and OPI or OPIC
German	280-204	ES 437 (Sp)	study abroad in language	WPT and OPI or OPIC
Spanish	320-203	ES 437 (Sp)	study abroad in language	WPT and OPI or OPIC

*NOTE: MC-EA regular education majors with a foreign language second major may obtain EC-A licensure in the foreign language if they also complete ES 366 and complete one quarter of student teaching in the foreign language at the secondary level. See Option C.

<i>Minors*</i>	<i>Code</i>	<i>Prescribed Methods Course</i>	<i>Additional Requirement</i>	<i>Praxis II Content Test Required</i>
French	260-405	ES 437 (Sp)	study abroad in language	WPT and OPI or OPIC
General Science	120-403			no add'l exam
German	280-405	ES 437 (Sp)	study abroad in language	WPT and OPI or OPIC
Language Arts Learning Disabilities	930-402			no add'l exam
Library Science	960-403		EC-A licensure for this minor	no add'l exam
Mathematics	180-408			no add'l exam
Social Studies	500-403			no add'l exam
Spanish	320-406	ES 437 (Sp)	study abroad in language	WPT and OPI or OPIC
Teaching of English to Speakers of Other Languages (TESOL)	550-409	ES 405	1 yr. college level foreign language	ETS 20360
Theatre Arts	601-425	ES 361 (F)		ETS 10640

PROGRAM OPTIONS B and C

These program options are organized around content majors and education courses and are designed to prepare teachers for early adolescence through adolescence (EA-A) teaching or for early childhood through adolescence (EC-A) teaching in selected areas. Each program requires the student to complete: (1) a major and minor, double major, or comprehensive major, each of which has been approved for teaching (see lists below) and (2) a professional sequence consisting of teaching methods and related courses. Advising is done through the content major department. Upon admission to program, candidates are assigned an adviser in education as well.

OPTION B: EA-A

Early Adolescence through Adolescence Licensure

Approved teaching major and minor, double major, or comprehensive major; and ES 210, 211, 312, 317, 318, 328, 385, prescribed special methods course(s) (see approved majors and minors below); ES 445 and 470, or 446, or 475; 490, 497; Sped 300.

NOTE: Although majors must be from the approved list below, the minor may be from the approved list. Students pursuing EA-A licensure are not required to elect a minor that leads to a teaching license.

APPROVED MAJORS AND MINORS FOR OPTION B

<u>Comprehensive Majors</u>	<u>Code</u>	<u>Prescribed Methods Course</u>	<u>Additional Requirement</u>	<u>Praxis II Content Test Required</u>
English	540-006	Engl 319, 419		ETS 10041
Earth and Space Science	160-015*	ES 359 (F)		ETS 10435
Physical Science*	240-004	ES 359 (F)	Biol 180 or Geog 178	ETS 10435
Physics-Mathematics*				ETS 10061 and
Physics Emphasis	210-003	ES 357 (Sp) and ES 359 (F)	Biol 180 or Geog 178	ETS 10435 (regardless of emphasis)
Mathematics Emphasis	210-004	ES 357 (Sp) and ES 359 (F)	Biol 180 or Geog 178	ETS 10081
Social Studies	500-XXX	ES 356	Econ 103, Biol 180 or Geog 178	ETS 10081
<u>Majors</u>	<u>Code</u>	<u>Prescribed Methods Course</u>	<u>Additional Requirement</u>	<u>Praxis II Content Test Required</u>
Biology*	080-205	ES 367 (Sp)	Biol 180 or Geog 178	ETS 10435
Chemistry*	100-204	ES 359 (F)	Biol 180 or Geog 178	ETS 10435
Economics	360-204	ES 356	Econ 103, Biol 180 or Geog 178	ETS 10081
English	540-210	Engl 319, 419		ETS 10041
Geography	140-213	ES 356	Econ 103, Biol 180 or Geog 178	ETS 10081
History	380-206	ES 356	Econ 103, Biol 180 or Geog 178	ETS 10081
Mathematics	180-207	ES 357		ETS 10061
Physics*	230-205	ES 359 (F)	Biol 180 or Geog 178	ETS 10435
Political Science	420-203	ES 356	Econ 103, Biol 180 or Geog 178	ETS 10081
Sociology	480-204	ES 356	Econ 103, Biol 180 or Geog 178	ETS 10081
<u>Minors</u>	<u>Code</u>	<u>Prescribed Methods Course</u>	<u>Additional Requirement</u>	<u>Praxis II Content Test Required</u>
Biology	080-403	ES 367 (Sp)	Biol 180 or Geog 178	ETS 10435
Chemistry	100-406	ES 359 (F)	Biol 180 or Geog 178	ETS 10435
Coaching	971-403			no add'l exam
Economics	360-404	ES 356	Biol 180 or Geog 178	ETS 10081
English	540-408	Engl 319, 419		ETS 10041
French	260-404	ES 366 (F)	Study abroad	WPT and
OPI or OPIc			in language	
Geography	140-413	ES 356	Econ 103, Biol 180 or Geog 178	ETS 10081
Geology	160-402	ES 359 (F)		

APPROVED MAJORS AND MINORS FOR OPTION B (Minors, cont.)

<u>Minors</u>	<u>Code</u>	<u>Prescribed Methods Course</u>	<u>Praxis II Additional Requirement</u>	<u>Content Test Required</u>
German	280-404	ES 366 (F)	Study abroad in language	WPT and OPI or OPIc
History	380-404	ES 356 (Sp)	Econ 103, Biol 180 or Geog 178	ETS 10081
Learning Disabilities	950-471			ETS 20146
Library Science	960-403		EC-A licensure	no add'l exam for this minor
Mathematics	180-407	ES 357		ETS 10061
Physics	230-403	ES 359 (F)	Biol 180 or Geog 178	ETS 10435
Political Science	420-403	ES 356	Econ 103, Biol 180 or Geog 178	ETS 10081
Sociology	480-404	ES 356	Econ 103, Biol 180 or Geog 178	ETS 10081
Spanish	320-405	ES 366 (F)	Study abroad in language	ETS 10191
Teaching English to Speakers of Other Languages (TESOL)	550-408	ES 405 (F)	1 yr college level foreign language	ETS 20361
Theatre Arts	601-424	ES 361 (F)		ETS 10640

*Broadfield Science add-on certification is available with these majors and requires ES 359 (fall only) and ES 367 (spring only). Students should contact the Registrar's Office to declare their intention to add the Broadfield Science certification.

OPTION C: EC-A

Early Childhood through Adolescence Licensure

Approved major and minor, double major, or comprehensive major; and ES 212, 312, 317, 318, 328, 385, prescribed special methods course (see approved majors and minors below); ES 441 and one of 445 or 470, or 440, or 446, or 475; 490, 497; Sped 300 (not required of Kinesiology or Music majors).

NOTE 1: ES 441 is not required for Foreign Language majors and minors in the student teaching semester as an earlier elementary level field placement (required by DPI) occurs in ES 437. Foreign Language and Latin American Studies students must take ES 210 and 211 in place of ES 212.

NOTE 2: Music Education majors take Mued 318 instead of ES 318 and Mued 487 or 488 instead of ES 441 and one of 445 or 470, or 440, or 446, or 475.

APPROVED MAJORS AND MINORS FOR OPTION C

<u>Comprehensive Majors</u>	<u>Code</u>	<u>Prescribed Methods Course</u>	<u>Additional Requirement</u>	<u>Praxis II Content Test Required</u>
Art	020-072	Art 304 (Sp), ES 350 (F), ES 354 (Sp)		ETS 10133
Latin American Studies	340-003	ES 366 (F) and ES 437 (Sp)	Study abroad in language	ETS 10191
Music, Instrumental/General	060-057	Mued 211, 300, 310, 318, 411, 421		ETS 10113
Music, Choral/General	060-058	Mued 211, 300, 310, 318, 410, 420		ETS 10113
Kinesiology	991-065	Kins 290		ETS 10091

EDUCATION STUDIES

<u>Majors</u>	<u>Code</u>	<u>Prescribed Methods Course</u>	<u>Additional Requirement</u>	<u>Praxis II Content Test Required</u>
French	260-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIC
German	280-204	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIC
Spanish	320-203	ES 366 (F) and ES 437 (Sp)	Study abroad in language	WPT and OPI or OPIC
Theatre Arts	601-204	ES 361 (F)		ETS 10640

<u>Minors</u>	<u>Code</u>	<u>Prescribed Methods Course</u>	<u>Additional Requirement</u>	<u>Praxis II Content Test Required</u>
Adaptive Physical Education	991-459		Only with Kins major	No add'l exam
French	260-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIC
German	280-406	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIC
Spanish	320-407	ES 366 (F) and ES 437 (Sp)	Only with F Lg major	WPT and OPI or OPIC
TESOL	550-410	ES 405 (F)	Only with F Lg major	ETS 20361

NOTE: Students completing an EC-A comprehensive major or standard major may complete an additional major or minor with licensure at the EA-A level from the list under Option B above.

Library Science and Media Education (Lmed)

Library Science and Media Education courses prepare students for positions in libraries and media centers. This preparation is offered as a minor to accompany any undergraduate major which accommodates a minor; however, it may be completed after the baccalaureate degree as a sequence of courses leading to state licensure as a library media specialist.

A sequence of graduate-level courses for both school and public librarianship prepares students for positions in schools as Master's-level Instructional Library Media and Technology Specialists.

The department also participates in the University of Wisconsin System School Library Education Consortium (UWSSLEC) through which students can gain initial and advanced (902 Initial and 902 Professional) licensure as school library media specialists through web-based graduate programs. For information about the program, contact the department or go to www.uwsslec.org.

NOTE: Students considering a Library Science and Media Education minor should consult with faculty in the department for further information and assistance in planning their program.

MINOR: LIBRARY SCIENCE, Liberal Arts (Code 960-401)

Twenty-four semester credits, including Lmed 305, 306, 310, 312, 316, 430, 463 or 468, and a minimum of three credits from the following: Anth/WMNS 356; Bcom 206; CJ 241, 250; CS 318; Econ 330, 375; Engl 130, 205, 230, 409; Engl/AIS 142; Engl/WMNS 296, 332, 396; ES 285, 380; Hist 210, 388, 480; Hist/AIS 240, 368, 369; Pols 301, 343; SOC 242. Prepares students for beginning public library positions, with some opportunities also available in academic and special libraries.

MINOR: LIBRARY SCIENCE, Teaching (Code 960-403)

Twenty-four semester credits, including Lmed 305, 306, 310, 312, 316, 382, 432; and three credits from relevant course work in media production and technology (ES 285 and 380 recommended), principles of design, legal foundations, and literature, which enhances the minor studies and is approved by the library science minor adviser and the department chair. In addition to the 24-credit minor, Lmed 461/661 or 466/666 and 462/662 or 467/667 are required for field experience. If the grade requirement of B- or above in field experience courses is not met, the undergraduate student may repeat the field experience course or may 226

graduate without the recommendation for teaching endorsement. This grade requirement applies to certification only students as well. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option A, B, or C and leads to Early Childhood through Adolescence licensure as Library Media Specialist. This is a five-year (902 Initial Educator) license with stipulations to complete additional requirements for (902 Professional) continued licensure.

ES

ES 149 Introduction to Education

1 cr. • V

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

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.

ES 203 Exploring Schooling in Grades 1-8

2 crs. • F, Sp • Special Course Fee Required • No S/U Grade Option • P: Limited to teaching majors. Minimum 14 credits. Grade of C or above ENGL 110 or equivalent. Minimum resident and total GPA of 2.75.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 8

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.

ES 210 Initial Teaching Experience in High School

1 cr. • F, Sp • Special Course Fee Required • P: Grade of C or above ENGL 110 or equivalent. Passing PPST scores. Minimum 14 credits. Must be taken with ES 211. Minimum resident and total GPA of 2.75.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 1

This initial field experience provides opportunities to study and teach students in high school. Students complete approximately 30 hours of observation/teaching in an area school during the semester.

ES 211 Initial Teaching Experience in Middle School

1 cr. • F, Sp • P: Grade of C or above ENGL 110 or equivalent. Passing PPST scores. Minimum 14 credits. Must be taken with ES 210. Minimum resident and total GPA of 2.75.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 1

This initial field experience provides opportunities to study and teach students in middle school. Students complete approximately 30 hours of observation/teaching in an area school during the semester.

ES 212 Initial Teaching Experience in Elementary, Middle, and High School Settings

2 crs. • F, Sp • Special Course Fee Required • No S/U Grade Option • P: Minimum of 14 credits. Grade of C or above ENGL 110 or equivalent. Passing PPST scores. Minimum resident and total GPA of 2.75. Limited to EC/A majors.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 4

This initial field experience provides opportunities to study and teach students in grades 1-12. Students complete approximately 50 hours of observation/teaching during the semester.

ES 285 Computers in Education: Introduction

1 cr. • F, Sp • P: ES 203, or ES 210/211, or SPED 205 or concurrent enrollment; or consent of instructor.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 1

An introduction to computer applications useful for teachers including graphics, desktop publishing, spreadsheets, and Web page editing. Hands-on work is stressed.

ES 295 Educational Problems

1-3 crs. • F, Sp • Department Consent Required

Lecture/Discussion Hours: 1-3 | Studio/Lab Hours: 0

Problems of education relating to funding, teacher quality, and the status of the teaching profession, student academic performance, racial imbalances, and unequal educational opportunity. This course is designed to discuss these concerns and viable solutions.

ES 301/501 General Education Literacy Instruction PK-8

3 crs. • F, Sp • P: Limited to Special Education majors admitted to College of Education and Human Sciences. Must be taken with SPED 301.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

ES 304 Classroom Practices

1 cr. • F, Sp • P: ES 203. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 306.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

Development of skills needed to function effectively in the elementary/middle level classroom. Topics include interpersonal relationships, parental involvement, cooperative learning strategies, school restructuring, and classroom management.

ES 305 Reading Curriculum and Instruction in Grades 1-8

3 crs. • F, Sp • P: ES 203 or concurrent enrollment in SPED 301. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 306.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study of the teaching methods, instructional materials, and evaluation techniques employed in elementary/middle level reading. A directed practicum is included.

ES 306 Mathematics Curriculum and Instruction in Grades 1-8

3 crs. • F, Sp • P: ES 203; MATH 203, 204 and 305. Limited to teaching majors admitted to College of Education and Human Sciences. • Department Consent Required

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study of teaching methods, instructional materials, evaluation techniques, and trends in mathematics. Includes a directed practicum.

ES 307 Language Arts Curriculum and Instruction in Grades 1-8

3 crs. • F, Sp • P: ES 203. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 306.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ES 308 Science Curriculum and Instruction in Grades 1-8

3 crs. • F, Sp • P: ES 203; BIOL 100; PHYS 100; GEOL 106. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 306.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study of the teaching methods, instructional materials, evaluation techniques, and trends in science. An environmental education component is included as well as a directed practicum.

ES 309 Social Studies Curriculum and Instruction in Grades 1-8

3 crs. • F, Sp • P: ES 203. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 306.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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. A directed practicum is included.

ES 312/512 General Methods of Teaching

2 crs. • F, Sp • P: Concurrent enrollment in ES 317, ES 318, ES 328, and a prescribed special methods course. Limited to teaching majors admitted to College of Education and Human Sciences. • Department Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

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.

ES 316/516 Writing in Response to Multicultural Literature in Grades K-12

3 crs. • F • P: Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ES 317/517 Middle Level Methods and Curriculum

2 crs. • F, Sp • Special Course Fee Required • P: 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.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Examination of teaching methods appropriate for middle level students and an analysis of philosophies and organizational schemes of the middle level curriculum.

ES 318 Teacher Assisting

1 cr. • F, Sp • P: 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. • Department Consent Required

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2

Field experience in which student will experience certain aspects of teaching under the discretion of a cooperating teacher.

ES 321/521 Contemporary Issues in Education

3 crs. • V

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Students will view issues from a systems-lens to determine if issues are situational or systemic. Students will engage in discourse, debate, reflection, and research as they investigate contemporary issues in P-12 education.

ES 328/528 Content Area Reading and Study Strategies

2 crs. • F, Sp • P: PSYC 261, or CSD 370, or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences and school psychology students.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Provides rationale and methods for determining the abilities of middle level and secondary students to read text in content areas and provides strategies for teaching effectively from text in a content area classroom.

ES 333/533 Literacy Learning in Culturally and Linguistically Diverse Classrooms

1 cr. • V • P: ES 210/211 or permission of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. No credit if taken after ES 753.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

Designed for K-12 teachers, this course discusses literacy learning for diverse learners as well as a repertoire of literacy strategies to accomplish academic success.

ES 338/538 Reading, Language, and Thinking

3 crs. • V • P: ES 328, or CSD 370, or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences and school psychology students.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study of teaching the interrelationships of critical thinking, reading, writing, speaking, and listening across content areas; practice in research-based procedures to use language to promote learning. Study of the interdisciplinary team approach and group process.

ES 350 Art in Grades 1-8

3 crs. • F • P: Limited to art teaching majors admitted to College of Education and Human Sciences.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 6

For art majors in preparation for student teaching of art in grades 1-8.

ES 354 Teaching Middle Level and Secondary Art

2 crs. • Sp • P: 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.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Required of Art-Middle Level and Secondary Teaching and Art-Comprehensive Teaching majors.

ES 356 Teaching Social Studies in Grades 5-12

2 crs. • F, Sp • P: 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.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Study of the curriculum, resources, teaching skills, and evaluation procedures for middle level and high school Social Studies. Required of the following teaching majors and/or minors: Latin American Studies, Social Studies, Economics, Geography, History, Political Science, Sociology.

ES 357 Teaching Mathematics in Grades 5-12

2 crs. • F, Sp • P: 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.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Required of teaching majors and minors in mathematics.

ES 359 Teaching Physical Science

2 crs. • F • P: 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.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Required of teaching majors and minors in chemistry and physics.

ES 361 Teaching Theatre Arts

2 crs. • F • P: Completion or concurrent enrollment in ES 312, ES 318, ES 328. Limited to teaching majors admitted to CoEHS. Minimum resident and total GPA of 2.75.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Credit may be earned in only one of the following: ES 361, THEA 361, ES 360, THEA 360.

A study and analysis of current materials including textbooks, assessment tools, and teaching materials. Preparation for play production, classroom units, and advocacy tools.

EDUCATION STUDIES

ES 366 Teaching Foreign Languages Grades 5-12

2-3 crs. • F • P: Completion of or concurrent enrollment in ES 312, ES 318 and ES 328.

Lecture/Discussion Hours: 2-3 | Lab/Studio Hours: 0

• Students majoring/minoring in one language should enroll in this course for two credits. Students majoring/minoring in more than one language should enroll in three credits. Theories of language acquisition and learning, methodological trends, review of current research, guidelines for teaching the skills and culture.

ES 367 Teaching Biology

2 crs. • Sp • P: 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.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 3

Required of biology teaching majors and minors.

ES 380 Educational Media

2 crs. • F, Sp • P: Limited to teaching majors admitted to College of Education and Human Sciences and library science minors.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

Principles of selection and classroom utilization of educational media, basic media production skills, and operation of electronic and projection equipment.

ES 385/585 Social Foundations: Human Relations

3 crs. • F, Wi, Sp, Su • CD3; GE-V; SL-Full

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 1

• Students are expected to accrue 15 of the 30 hours of volunteer/field work prior to the semester they are enrolled in ES 385/585.

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.

ES 405/605 Teaching English to Speakers of Other Languages

3 crs. • F • P: FLG 378 and one year college level foreign language study or equivalent, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ES 408/608 Methods of Teaching Content-Based ESL

3 crs. • Sp • P: ES 405.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Future and current English as a Second Language (ESL), bilingual education, and content-area teachers learn how to modify mainstream course materials and instructional strategies so that English language learning students can engage in course content while simultaneously developing their new language.

ES 409/609 Teaching English as a Foreign Language Methods

3 crs. • Sp • P: FLG 378

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Admission to program required or consent of instructor.

Study of teaching English to non-native speakers in their home countries/overseas. Focus on methods applicable to foreign language contexts including 4-skill instruction, grammar, vocabulary, and pronunciation as well as lesson planning, curriculum design, material presentation/explanation, and practice activities.

ES 410/610 Current Trends and Practices in Teaching Reading

1 cr. • Su • May be repeated for a maximum of 3 credits • P: ES 305 or equivalent. Limited to teaching non-degree students.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

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.

ES 411/611 Methods of Bilingual/Bicultural Content-Based Instruction and Curriculum Design

3 crs. • Sp, Su • CD2; Special Course Fee Required; Special Course Fee Varies by Section; Field Trip(s) Required • P: ES 405. Limited to TESOL minors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ES 413/613 Computers in Education: Multimedia Presentations

1 cr. • V • P: ES 285

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

Develops skills in the design and production of computer based multimedia presentations that include animation, sound, hypermedia links, and digital images. Students produce and demonstrate the proper utilization of a multimedia material.

ES 415/615 Assessment and Evaluation in Grades 1-12

2 crs. • F, Sp • P: ES 304 or ES 312. Limited to teaching majors admitted to College of Education and Human Sciences.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

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.

ES 435 Classroom Management in Grades 1-12

3 crs. • F, Sp • P: ES 304. Limited to teaching majors admitted to College of Education and Human Sciences.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Introduction to the knowledge, skills, and dispositions necessary to create, organize, and maintain an enriched and positive 1-12 classroom environment and set high standards for all students through curriculum and instructional design.

ES 436/636 Education of Girls and Women in the United States

2 crs. • V • CD1; GE-V • P: Minimum junior standing.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Credit may not be earned in both ES 436 and WMNS 436. No credit if taken after special topics or directed study with the same title.

This course will focus on both informal and formal definitions of schooling and explore a wide array of influences and choices that contribute to the preparation of resilient women who grow and change through their lifetime.

ES 437 Teaching Foreign Languages in Grades 1-8

2 crs. • Sp

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Admission to professional semester.

Principles and practices in teaching foreign languages in grades 1-8. Preparation for teaching in bilingual education programs.

ES 440 Internship Teaching in Elementary Education

7-14 crs. • F, Sp • Special Course Fee Required; IN • S/U Only Grade Basis • Department Consent Required

• Admission to the professional semester and recommendation of the Department of Education Studies. Coordinated with ES 497 during the professional semester, no other courses may be taken during this semester, attendance at orientation meetings required prior to enrolling. Offered on satisfactory/unsatisfactory grade basis only. Students with a major in special education with dual certification in elementary education may register for an internship of seven credits in special education (SPED 475) and seven credits in elementary education (ES 440).

The intern is a paid contractual member of public school staff, spending the entire semester in the school system in an elementary setting. The public school calendar is followed.

ES 441 Student Teaching in Elementary Education

7 crs. • F, Sp • May be repeated for a maximum of 14 credits • S/U Only Grade Basis

• Admission to the professional semester and recommendation of the Department of Education Studies. Coordinated with ES 497 during the professional semester, no other courses may be taken during this semester, attendance at orientation meetings required prior to enrolling.

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.

ES 445 Student Teaching in Middle Level Education

7 crs. • F, Sp • May be repeated for a maximum of 14 credits • S/U Only Grade Basis

• Admission to the professional semester and recommendation of the Department of Education Studies. Coordinated with ES 497 during the professional semester, no other courses may be taken during this semester, attendance at orientation meetings required prior to enrolling.

The student teaches full time for one quarter in the grades 6-9 in a middle level concept school. The student teaches subjects taught in middle school. Students typically teach in their approved major/minor area. The calendar of the school to which the student is assigned is followed for beginning, ending, and vacation dates.

ES 446 Internship Teaching in Middle Level Education

7-14 crs. • F, Sp • *Special Course Fee Required*; IN • *May be repeated for a maximum of 14 credits* • S/U Only Grade Basis • *Department Consent Required* • Admission to the professional semester and recommendation of the Department of Education Studies. Coordinated with ES 497 during the professional semester, no other courses may be taken during this semester, attendance at orientation meetings required prior to enrolling.

The student teaches full time for one semester in grades 5-8. The calendar of the school to which the student is assigned is followed for beginning, ending, and vacation dates.

ES 456/656 Understanding the Early Adolescent

3 crs. • V • P: ES 203 or ES 210 and admission to program or professional teaching experience. Limited to teaching majors admitted to College of Education and Human Sciences.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Examination of changing attitudes and behaviors of early adolescent youth as related to teaching-learning situations.

ES 457/657 Integrating Literacies into the Middle Grades Curriculum

3 crs. • F, Sp • P: ES 304. Limited to teaching majors admitted to College of Education and Human Sciences.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Designed to provide means to develop understanding of early adolescent learning and to explore, research, analyze, and acquire knowledge and skills necessary to plan and deliver sound educational experiences pertaining to literacy in middle schools.

ES 460/660 Reading and the Young Child

3 crs. • Sp

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

This course examines curriculum, methods, assessments, materials, and trends in teaching oral language, reading, and writing to children from birth through grade 3.

ES 463/663 Practicum in Elementary/Developmental Literacy Grades 1-5

1 cr. • V • A-F Grades Only • *Department Consent Required*

Lecture/Discussion Hours: 0.5 | Lab/Studio Hours: 1.5

Provides a field experience to acquire proficiency in the teaching of reading in the primary grades 1-5. Students will observe, plan, teach and assess reading in an elementary school over the course of a semester.

ES 464/664 Practicum in Content Area Reading

1 cr. • F • CP

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 1

• Must be taken concurrently or after a course in content area reading.

Application of strategies for assessing the difficulty of text in content areas; focuses on classroom difficulties due to differing reading abilities of students, with recommended strategies for teaching reading. Supervised practicum for reading teacher and specialist only.

ES 470 Student Teaching in Secondary Education

7 crs. • F, Sp • *May be repeated for a maximum of 14 credits* • S/U Only Grade Basis

• Admission to professional semester. Coordinated with ES 497/697 during professional semester, no other courses may be taken during this semester, attendance at orientation meetings required prior to enrolling.

Professional teaching experience in a secondary school under supervision of a cooperating teacher in the school and related University personnel. Due to nature of experience, students should expect to be free of part-time work and other University activities; live in community where assigned, follow calendar of school where assigned.

ES 471 Student Teaching in Special Subjects

3 crs. • F, Sp • S/U Only Grade Basis

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

ES 473/673 Legal Aspects of Teaching

3 crs. • V

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Recent developments in the definition of legal rights of students and teachers are explored. Rights of students which are considered include student discipline, admission and attendance, injury, and tests and records. Rights of teachers which are considered include tenure, due process, contracts, negotiations, and liability for student injury.

ES 474 Computers in Education: Instructional Design and Development

3 crs. • V • *Field Trip(s) Required* • *May be repeated* • P: ES 285 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

The instructional design and creation of computer-based curricular materials for group and individual instruction within established learning principles.

ES 475 Internship Teaching in Secondary Education

7-14 crs. • F, Sp • *Special Course Fee Required*; IN • S/U Only Grade Basis • *Department Consent Required*

• Admission to professional semester. Contractual arrangement with assigned school required: salary provided by contracting school, appropriate state licensure required prior to beginning assignment, coordinated with ES 497/697, no other courses may be taken during this semester, attendance at orientation meeting required prior to enrollment.

Professional teaching experience for one full semester in a secondary school under supervision of cooperating teacher and related University personnel. Due to nature of experience, student should expect to be completely free of part-time work and other University activities; live in community where assigned; follow calendar of school where assigned.

ES 476/676 Developing Programs and Curriculum Materials for the Gifted Student in Grades 1-12

3 crs. • V • P: Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll. • *Instructor Consent Required*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Reviews characteristics of gifted student. Suggests program modifications to meet their needs. Stresses stimulation of creative and productive thinking. Participants will identify materials and/or develop a program for selected students in their own school.

ES 477/677 Computers in Education: Instructional Applications

3 crs. • V • *Field Trip(s) Required* • P: ES 285 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

An introduction to current thinking and research related to computers in education. Students will formulate a plan for use of computers, evaluate existing programs, and develop a hypertext/media application.

ES 485/685 Field Studies of Minority Groups

3 crs. • V • SL-Full • P: ES 385 or consent of instructor.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 6

A study of the culture, lifestyles, values, and contributions of African American, Indian, Latino, and Hmong minority groups. Students live and work in minority communities, meeting their leaders, interviewing their members, visiting schools, and assisting in playground and youth activities. The group will attend cultural events and a pow-wow, as available.

ES 490/690 Historical, Legal, and Philosophical Foundations of Education

3 crs. • F, Wi, Sp, Su • P: ES 385/585

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

ES 493/693 International Experience in Education

1-8 crs. • F, Sp, Su • *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.

ES 495/695 Directed Studies in Education

1-3 crs. • F, Sp, Su • *May be repeated*

• Arranged by department in response to need.

Group study, under the immediate direction of departmental faculty, of a problem not covered in existing courses.

ES 497/697 Field Experience Seminar

1 cr. • F, Sp • CP; *Special Course Fee Required*

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

• Admission to professional semester and recommendation of the Education Studies department. Required for elementary education MCEA (Middle Childhood through Early Adolescence), secondary education ECA (Early Childhood through Adolescence), and secondary education EAA (Early Adolescence through Adolescence) education majors.

A capstone seminar designed to provide experiences in which students refine and demonstrate competence in instructional planning, instructional delivery, and other collaborative and professional practices while meeting the needs of a diverse student population. Taken in conjunction with student teaching/internship. Preparation for the materials and competencies required for the job search is highlighted.

EDUCATION STUDIES

ES 499 Independent Study

1-3 crs. • F, Sp, Su • May be repeated • Department Consent Required
Study of an education issue under the supervision of Education Studies faculty.

LMED

LMED 100 How to Use the Library

1 cr. • V • P: Credit cannot be earned in both LMED 100 and LMED 110. Not available for juniors or seniors.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0
• Not applicable to the minor.

Locating materials and services of the McIntyre Library, with emphasis on search procedures.

LMED 110 Developing Library Skills

2 crs. • F, Sp, Su • P: Not available for juniors or seniors. Credit may not be earned in both LMED 100 and LMED 110. • Department Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
• Not applicable to the minor.

Locating materials and services in the McIntyre Library, with emphasis on search procedures.

LMED 305/505 Children's Literature

3 crs. • F, Sp, Su • P: Limited to teaching majors and library science minors. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Survey of literature for children in both print and nonprint formats.

LMED 306/506 Literature For Adolescents

3 crs. • F, Sp • Field Trip(s) Required • P: Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

LMED 310/510 Developing Media Collections

3 crs. • F • No S/U Grade Option • P: Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Selecting and evaluating library and audiovisual materials.

LMED 312/512 Reference and Information Services

3 crs. • F • Field Trip(s) Required • No S/U Grade Option • P: Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Theory and practice of reference with emphasis on providing information and related services to individuals and communities.

LMED 316/516 Organizing Media

3 crs. • Sp • Field Trip(s) Required • No S/U Grade Option • P: Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 1

Theory and practice of cataloging and classifying print and non-print information resources.

LMED 382/582 Producing Instructional Media

3 crs. • Sp • P: ES 380 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences and library science minors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 1

Planning and producing audio, computer, graphic, photographic, and video instructional materials.

LMED 408/608 Computers in Education: Online Communications and Information Retrieval

3 crs. • V • P: ES 285 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Application of computer-mediated communications (e.g., electronic mail, discussion lists, UseNet news, chats, and groupware) and computer-based information retrieval resources (e.g., online databases, CD-ROM databases, and Internet resources) to classroom environments. Includes online resource creation and evaluation.

LMED 430/630 Public Library Administration

3 crs. • Sp • Field Trip(s) Required • No S/U Grade Option • P: LMED 310 or 312 or 316 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Operation and management principles for public libraries.

LMED 432/632 Administering School Media Programs

3 crs. • Sp • Field Trip(s) Required • No S/U Grade Option • P: LMED 310 or 312 or 316 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Operation and management principles of school library media programs.

LMED 450/650 Computers in Libraries/IMCs

1-3 crs. • V • Field Trip(s) Required • May be repeated

Lecture/Discussion Hours: 1-3 | Lab/Studio Hours: 0

An introduction to the use of computers for instruction, record-keeping, and information retrieval.

LMED 461/661 Field Experience: Elementary Media Center

3 crs. • F, Sp • No S/U Grade Option • P: 21 cr LMED certification sequence; ES 304, 305, 306, 307, 308, 309; or ES 312, 317, 318, 328; Minimum sophomore standing. Limited to teaching majors admitted to College of Education and Human Sciences. • Instructor Consent Required

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Observation and practice in an elementary school library or media center.

LMED 462/662 Field Experience: Secondary Media Center

3 crs. • F, Sp • No S/U Grade Option • P: 21 cr LMED certification sequence; ES 304, 305, 306, 307, 308, 309; or ES 312, 317, 318, 328. Minimum sophomore standing. Limited to teaching majors admitted to College of Education and Human Sciences. • Instructor Consent Required

Observation and practice in a secondary school library or media center.

LMED 463 Field Experience: Public and Special Libraries

3 crs. • F, Sp, Su • No S/U Grade Option • P: Minimum of 18 credits in LMED minor. Minimum sophomore standing. • Instructor Consent Required

• A minimum GPA of 2.50 in LMED courses.

Observation and practice in a public or special library.

LMED 466/666 Internship: Elementary Media Center

3 crs. • F, Sp • Special Course Fee Required; IN • No S/U Grade Option • P: 21 cr LMED certification sequence; ES 304, 305, 306, 307, 308, 309; or ES 312, 317, 318, 328. Minimum sophomore standing. Limited to teaching majors admitted to College of Education and Human Sciences. • Department Consent Required

A paid supervised practicum that is contingent upon the availability of a position.

LMED 467/667 Internship: Secondary Media Center

3 crs. • F, Sp • Special Course Fee Required; IN • No S/U Grade Option • P: 21 cr LMED certification sequence; ES 304, 305, 306, 307, 308, 309; or ES 312, 317, 318, 328. Minimum sophomore standing. Limited to teaching majors admitted to College of Education and Human Sciences. • Department Consent Required

A paid supervised practicum that is contingent upon the availability of a position.

LMED 468 Internship: Public and Special Libraries

3 crs. • F, Sp, Su • IN • No S/U Grade Option • P: Minimum of 18 credits in LMED minor. Minimum 2.50 GPA in LMED courses. Minimum sophomore standing.

A paid supervised practicum that is contingent upon the availability of a position.

LMED 495/695 Directed Study

1-3 crs. • F, Sp, Su • May be repeated • P: Minimum senior standing.

• Arranged by department in response to need.

Group study, under the immediate direction of a Library Science and Media Education faculty member, of a defined problem not covered in existing courses.

LMED 499 Independent Study

1-3 crs. • F, Sp, Su • May be repeated • P: Minimum senior standing. • Department Consent Required



Special Education

HUMAN SCIENCES AND SERVICES 249
(715) 836-5511
www.uwec.edu/sped/index.htm

ROSEMARY BATTALIO, CHAIR

ARTHUR BRANDT, ANGELA DALHOE, STEPHEN DEMPSEY, JOE MORIN, TODD STEPHENS,
CATHY THORSEN.

Honor Societies and Student Organizations: Student Council for Exceptional Children (SCEC)

A pre-professional organization open to those interested in working with people who have disabilities.

Best Buddies

College students are matched with adults with disabilities in the community to share leisure activities.

Goals and Purposes

The special education programs are designed to provide students with experiences that develop skills in assessing students as well as planning, implementing, and evaluating interventions. Special education graduates are prepared for a variety of specialized jobs. Those who prefer to teach may be employed in public or private schools, institutions, or agencies. Those seeking other careers may work as houseparents or hometrainers or directors of service agencies. Some graduates will continue their study in other areas of special education. Others will engage in research, develop curricular and instructional materials, or lead in-service teacher training.

Programs

The Department of Special Education offers undergraduate and graduate programs. Bachelor's degree programs are offered in the areas of cognitive disabilities, emotional/behavioral disabilities, learning disabilities, and special education: early childhood. These programs lead to the following teacher licensure:

- Cross-categorical Special Education
- Early Childhood Special Education
- Emotional/Behavioral Disabilities and Regular Education
- Learning Disabilities and Cognitive Disabilities
- Learning Disabilities and Regular Education

A minor in Learning Disabilities is also offered for Middle Childhood/Early Adolescence and Early Adolescence/Adolescence majors. This program leads to teacher licensure in Learning Disabilities.

Adaptive education: special fields programs are available in the areas of art, music, and physical education and lead to licensure to teach learners with disabilities in those areas.

Portfolio Review

As part of the Teacher Education Program, students in the Department of Special Education are expected to develop a portfolio for three distinct gates or admission points. Further information may be obtained from the student's adviser.

Admission to Program

Minimal criteria for admission to professional programs (Gate 1) are outlined in the College of Education and Human Sciences section under "Admission to Professional Education Programs" (see items 1-6 under "Criteria for Admission"). In addition to meeting these minimum requirements, a separate Special Education application must be completed and submitted to the Department of Special Education. These applications (available in the Special Education office) are due October 1 and March 1.

Admission to any major or minor program in Special Education may be limited by the resources available. Admission to program will be determined by a review committee which will rank applicants based on

quality and quantity of service related to the helping professions, quality of formal application (resumé, academic success, and recommendations), and documentation of successful completion of Sped 200 and 205. Guidelines for application are available in Human Sciences and Services 249, or on the department's Web site at www.uwec.edu/sped.

Admission to Professional Semester

Applicants for student teaching/internship experience must: (1) complete an application with the College of Education and Human Sciences office; (2) have the recommendation of the Department of Special Education; (3) submit a Gate 2 portfolio; (4) earn a minimum grade of C- in Sped 200; (5) earn a minimum grade of B- in Sped 306, 331, 401, 404, 416, 417, 421, 426, 431, and 434 as appropriate; (6) earn a GPA of 2.67 in specialization courses: Special Education: Early Childhood, Sped 200, 205, 220, 301, 306, 321, 322, 323, 331, 402, 404, 421, 426, 431, and one from 210, 330, or 350; Emotional/Behavioral Disabilities and MC-EA Regular Education, Sped 200, 205, 301, 306, 331, 350, 401, 402, 404, 416, 431, 434, 453, 455, and 432 or CSD 311; Learning Disabilities and Cognitive Disabilities, Sped 200, 205, 210, 306, 330, 331, 401, 402, 404, 416, 417, 431, 434, and 432 or CSD 311; Learning Disabilities and MC-EA Regular Education, Sped 200, 205, 306, 330, 331, 401, 402, 404, 416, 431, 434, and 432 or CSD 311; (7) earn a passing score on the appropriate Praxis II content exam. All special education majors require the Middle Level content exam, ETS 20146, with the exception of the Special Education: Early Childhood major which requires the Elementary Education content exam, ETS 10014.

Student Teaching Requirements

Completion of student teaching courses requires undergraduates to earn at least a grade of B- in Sped 470 or 472 or 475. If the grade requirement is not met, the undergraduate student may repeat the student teaching course or may graduate without the recommendation for teaching licensure. In addition to student teaching requirements, a Gate 3 portfolio must be submitted and approved before licensure is recommended.

Student Transportation

Students in the teacher education program must provide their own transportation to and from field experiences. Some field experiences may require travel to other communities.

Satisfactory/Unsatisfactory Policy

No degree credit may be earned under the Satisfactory/Unsatisfactory option in required special education courses except Sped 205 and Sped 301.

Bachelor of Science Degree

COMPREHENSIVE MAJOR: SPECIAL EDUCATION,
Early Childhood (Code 950-096)

This program is designed for the student who wants teacher licensure in Special Education: Early Childhood.

Requirements for Licensure: CSD 101 or 378, 257, 419; ES 285, 301, 385, 490; current community first aid and CPR certification; Sped 200, 205, 210 or 330 or 350, 220, 301, 306, 321, 322, 323, 331, 401, 402, 404, 421, 426, 431, 470 (ages 0-3), 470 (ages 3-6), 472 (ages 6-8), and 476.

COMPREHENSIVE MAJOR: SPECIAL EDUCATION,

Emotional/Behavioral Disabilities and Middle Childhood through Early Adolescence Regular Education (Code 950-068)

This program is designed for the student who wants teacher licensure in Emotional/Behavioral Disabilities: Middle Childhood through Early Adolescence and Early Adolescence through Adolescence; and Regular Education: Middle Childhood through Early Adolescence.

Requirements for Licensure: Art 300; ES 203, 285, 304, 305, 306, 307, 308, 309, 380, 385, 441 or 445, 457, 490; Kins 361; Lmed 305; Musi 340;
231

SPECIAL EDUCATION

Sped 200, 205, 301, 306, 331, 350, 401, 402, 404, 416, 431, 434, 453, 455, 470 (EBD), 476; Sped 432 or CSD 311.

COMPREHENSIVE MAJOR: SPECIAL EDUCATION, Learning Disabilities and Cognitive Disabilities (Code 950-009)

This program is designed for the student who wants teacher licensure in Learning Disabilities and Cognitive Disabilities: Middle Childhood through Early Adolescence and Early Adolescence through Adolescence.

Requirements for Licensure: CSD 419; ES 285, 301, 385, 490; Lmed 305; Sped 200, 205, 210, 301, 306, 330, 331, 401, 402, 404, 416, 417, 431, 434, 470 (LD), 470 (CD), 476; Sped 432 or CSD 311.

COMPREHENSIVE MAJOR: SPECIAL EDUCATION, Learning Disabilities and Middle Childhood through Early Adolescence Regular Education (Code 950-067)

This program is designed for the student who wants teacher licensure in Learning Disabilities: Middle Childhood through Early Adolescence and Early Adolescence through Adolescence; and Regular Education: Middle Childhood through Early Adolescence.

Requirements for Licensure: Art 300; ES 203, 285, 304, 305, 306, 307, 308, 309, 380, 385, 441 or 445, 457, 490; Kins 361; Lmed 305; Musi 340; Sped 200, 205, 306, 330, 331, 335 or 404, 401, 402, 416, 431, 434, 470 (LD), 476; Sped 432 or CSD 311.

MINOR: LEARNING DISABILITIES

Middle Childhood/Early Adolescence (Code 950-470)

This program is designed for the student who wants teacher licensure in Learning Disabilities: Middle Childhood through Early Adolescence.

Requirements for Licensure (30 credits): CSD 311; Sped 200, 205, 306, 330, 331, 335 or 404, 401, 402, 431. In addition, one of the two quarters of student teaching must be in Special Education.

Sped 400 is not required of students completing this minor. This minor is restricted to students in the College of Education and Human Sciences: Education Studies, Option A and leads to licensure in Learning Disabilities: Middle Childhood through Early Adolescence. Students who have graduated from UW-Eau Claire in the MC-EA program within the past two years are also eligible to complete this minor.

Early Adolescence/Adolescence (Code 950-471)

This program is designed for the student who wants teacher licensure in Learning Disabilities: Early Adolescence through Adolescence. Requirements for Licensure (27 credits): CSD 311; Sped 200, 205, 306, 330, 331, 401, 402, 416, 434. In addition, one of the two quarters of student teaching must be in Special Education.

If students want to add licensure in Learning Disabilities: Middle Childhood through Early Adolescence, they need to take Sped 335 and 431. Sped 300 is not required of students completing this minor. This minor is restricted to students in the College of Education and Human Sciences: Education Studies, Option B or C and leads to licensure in Learning Disabilities: Early Adolescence through Adolescence. Students who have graduated from UW-Eau Claire in an EA-A or EC-A program within the past two years are also eligible to complete this minor.

ADAPTIVE EDUCATION: SPECIAL FIELDS PROGRAMS FOR ART, MUSIC, AND PHYSICAL EDUCATION EDUCATORS

Admission requirements include bachelor's degree, eligibility for art, music, or physical education licensure, and any additional courses deemed necessary. Course requirements for these programs are as follows:

ART

Sped 200 or 300 or 400; Sped 210 or 220 or 330 or 350; Art 300; and Sped 472. Completion of this sequence leads to Early Childhood through Adolescence Adaptive Art licensure for art teachers.

MUSIC

Sped 200 or 300 or 400; Sped 210 or 220 or 330 or 350; SPED 306, and Sped 472. Completion of this sequence leads to Early Childhood through Adolescence Adaptive Music licensure for music teachers.

PHYSICAL EDUCATION

Fifteen semester credits, including Kins 484, 487, 493; Sped 200, and 210, or 220, or 306. Completion of this sequence leads to Early Childhood through Adolescence Adaptive Physical Education licensure for physical education teachers.

SPED

SPED 200 Introduction to Diverse Learners

3 crs. • E, Sp

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Survey of the education of children with communication disorders, cognitive disabilities, sensory and physical disabilities, learning disabilities, and emotional disturbance.

SPED 205 School and Community Experience in Special Education

3 crs. • E, Wi, Sp • Special Course Fee Required • S/U Only Grade Basis • P: SPED 200

Lecture/Discussion Hours: 0.5 | Lab/Studio Hours: 2.5

The student will observe, participate, and reflect based on experiences with pre-elementary or elementary/secondary students. Lectures, discussions, and school experiences will facilitate career decision.

SPED 210 Introduction to Cognitive Disabilities

3 crs. • E, Su • P: SPED 200

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

This course studies the causes and characteristics of cognitive disabilities. Social, educational, and vocational issues are also discussed.

SPED 220 Introduction to Special Education: Early Childhood

3 crs. • V • P: SPED 200

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

Introduction to early intervention/education for children birth to nine, with developmental delays/disabilities, or are at-risk. Emphasizes history/rationale of ECSE, teacher roles & responsibilities, orientation to eligibility, intervention practices, and parent involvement.

SPED 300/500 Inclusive Practices for Secondary Educators

2 crs. • E, Sp, Su

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• 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.

SPED 301/501 Observation and Participation with Students without Disabilities in Educational Programs

3 crs. • E, Sp • S/U Only Grade Basis • P: SPED 200 and 205. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with ES 301.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• 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 and development, and general education curriculum. Experience is required by Wisconsin DPI.

SPED 306/506 Behavior Management

3 crs. • E, Sp, Su • P: SPED 200, or 300, or 400 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Behavioral approaches to managing student behaviors. Includes classroom management techniques, contingency contracting, behavior counting and charting, reinforcement systems, behavior therapy, and uses of punishment.

SPED 321/521 Observation and Assessment of Atypical Development: Birth to 6 Years

1 cr. • V • A-F Grades Only • P: SPED 200 and SPED 210 or SPED 220. SPED 322, SPED 323 concurrently, or consent of instructor.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

A course that places emphasis on formal assessment and screening instruments appropriate for children birth to age six, informal assessment techniques, data collection and progress monitoring. Additional emphasis will be placed on environmental and family assessment.

SPED 322/522 Play and Sensory Exploration in ECSE

1 cr. • V • *Special Course Fee Required* • A-F Grades Only • P: SPED 200 and SPED 210 OR SPED 220. SPED 321, SPED 323 concurrently, or consent of instructor.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

A course that places emphasis on the selection, modification, and use of developmentally and individually appropriate play, creative, and sensory exploration activities to facilitate development, enhance learning, and promote social interaction with peers.

SPED 323/523 Medical Aspects of Atypical Development

1 cr. • V • *Special Course Fee Required* • A-F Grades Only • P: SPED 200 and SPED 210 or SPED 220. SPED 321, SPED 322 concurrently, or consent of instructor.

Lecture/Discussion Hours: 1 | Studio/Lab Hours: 0

This course provides students with introductory knowledge of the educational, physical, and health care needs of infants, toddlers, and children with cognitive, physical/sensory disabilities, and chronic health conditions.

SPED 330/530 Introduction to Learning Disabilities

3 crs. • F, Sp • P: SPED 200 or 300 or 400; or junior standing for CSD majors, or consent of instructor. Limited to teaching majors admitted to the College of Education and Human Sciences; CSD and school psychology students may also enroll.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Survey course of causes, educational problems, and intervention programs associated with learning disabilities.

SPED 331/531 General Methods for Students with Mild Disabilities

2 crs. • F, Sp, Su • P: SPED 210 or 220 or 330/530 or 350/550; or consent of instructor. May be taken concurrently with SPED 330/530. Limited to teaching majors admitted to College of Education and Human Sciences.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

This course is designed to provide the prospective special education teacher with a basic knowledge of the legal foundation for special education, effective instructional practices and their philosophical underpinnings, and principles of collaborative practices.

SPED 335 Pre-student Teaching Experiences with Individuals with Learning Disabilities

3 crs. • Su • SL-Full • *May be repeated for a maximum of 3 credits* • P: SPED 306/506 and 331/531. Limited to teaching majors admitted to College of Education and Human Sciences. • *Instructor Consent Required*

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 5

Supervised clinical experiences with children and adolescents who are learning disabled.

SPED 350/550 Introduction to Emotional/Behavioral Disabilities

3 crs. • F, Su • P: SPED 200 or 300/500 or 400/600 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Survey course of characteristics, causes, and intervention in relation to the education of students with emotional disturbance. Focus is on historical, theoretical, and current issues impacting school-based practice.

SPED 400/600 Inclusive Practices for Elementary Educators

3 crs. • F, Wi, Sp • P: Limited to elementary education majors admitted to College of Education and Human Sciences.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Admission to elementary education (Middle Childhood through Early Adolescence or MCEA) program or consent of instructor.

Designed to help elementary educators in observing, identifying, and teaching diverse learners including children with disabilities, cultural differences, gifts/talents and/or at-risk concerns. Provides knowledge and practice related to special education processes, professional collaboration, and curricular adaptations/modifications.

SPED 401/601 Assessment of Students with Disabilities

3 crs. • F, Sp • *Special Course Fee Required* • P: SPED 210 or 220 or 330/530 or 350/550, and 331/531; or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Application of assessment terminology and statistical concepts. Selection, administration of tests, and interpretation of scores from teacher-made, norm-referenced, and criterion-referenced assessments.

SPED 402/602 Parent and Family Involvement

3 crs. • F, Sp • P: SPED 200 and 331/531 and 210 or 220 or 330/530 or 350/550. Limited to teaching majors admitted to College of Education and Human Sciences.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Rationale, efficacy, methods, and materials for involving parents and family members through collaborative activities. Community resources, communication skills, legal issues, and effective team membership are also studied.

SPED 404/604 Pre-student Teaching Experiences with Individuals with Mild Disabilities

3 crs. • F, Sp, Su • SL-Full • *May be repeated for a maximum of 6 credits* • P: SPED 306/506 and SPED 331/531. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 431/631.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

Supervised clinical experiences with children and adolescents with mild disabilities.

SPED 414/614 Special Vocational Support Strategies

3 crs. • Su • P: SPED 416/616. Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Vocational support strategies used with high school students with disabilities. Emphasis is placed on active involvement in vocational laboratory experiences.

SPED 416/616 Career Education and Transition

2 crs. • F, Sp • P: SPED 335 or 404/604 and 431/631 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 434.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 1

This course will introduce the basic concepts of career and vocational education. This course includes a clinical experience with adolescents with mild disabilities.

SPED 417/617 Curriculum and Methods for Students with Moderate or Severe Disabilities

3 crs. • Sp • P: SPED 210 OR 331/531 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Study, selection, and preparation of suitable curriculum and methods used in teaching students with moderate/severe cognitive disabilities.

SPED 421/621 Early Childhood Special Education Methods of Intervention: 3-6 Year Olds

3 crs. • Sp • P: SPED 401 and SPED 321, 322, 323, SPED 431 and SPED 404 concurrently. Limited to teaching majors admitted to College of Education and Human Sciences.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Course focus is on curriculum and inter/trans disciplinary instructional practices that facilitate cognitive, language/communication, social/emotional, physical, adaptive skill development and pre-academic learning. (Emphasis is on instructional practices/intervention strategies for 3-6 year old children.)

SPED 426/626 Early Intervention for Infants/Toddlers with Atypical Development: Methods, Intervention & Evaluation

3 crs. • Sp • P: SPED 401 and SPED 321, SPED 322, SPED 323. Limited to teaching majors admitted to College of Education and Human Sciences.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Course examines development of infants and toddlers, screening/assessment methods for detecting significant developmental delays, specific disability areas, best practices for family/caregiver involvement and intervention in infant-toddler programs, service coordination, and Birth to Three transition practices.

SPED 431/631 Academic Skills for Elementary Students with Mild Disabilities

4 crs. • F, Sp • P: SPED 331 or consent of instructor. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 404.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

• SPED 335 substitutes for SPED 404.

This course focuses on research-based curricula and methods for teaching reading, written expression, and mathematics to elementary-age students with mild disabilities. The course includes applied activities and occurs concurrently with a field experience.

SPED 432/632 Language Development and Intervention for Students with Disabilities

3 crs. • P: SPED 401. Limited to teaching majors admitted to College of Education and Human Sciences. Teaching certification students may also enroll.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Theoretical models and strategies for assessing and teaching language skills to students with disabilities.

SPED 434/634 Secondary Methods for Students with Mild Disabilities

2 crs. • F, Sp • P: SPED 335 or 404, and 431. Limited to teaching majors admitted to College of Education and Human Sciences. Must be taken with SPED 416.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

This course will provide the student with knowledge about secondary methods used in reading, mathematics, written expression, study skills, and self-advocacy. Behavioral methods, IEP development, and post-secondary planning will also be presented.

SPECIAL EDUCATION

SPED 453/653 Behavioral Assessment and Planning

1 cr. • Su • P: SPED 306/506 and 401/601; or consent of instructor.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

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.

SPED 455/655 Advanced Behavioral Intervention for Students with Emotional Behavioral Disabilities

3 crs. • Su • P: SPED 306/506, 401/601, and 350/550; or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

SPED 465/665 Child Abuse and Neglect: Educational Implications

3 crs.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

SPED 470 Student Teaching in Special Education

7 crs. • F, Sp • May be repeated for a maximum of 14 credits

• 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.

SPED 471 Student Teaching in Special Education

3-6 crs. • F, Sp, Su • May be repeated for a maximum of 18 credits • P: Limited to special education majors admitted to College of Education and Human Sciences. • 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.

SPED 472 Student Teaching in Special Education

3 crs. • May be repeated for a maximum of 6 credits • Department Consent Required

• Admission to professional semester.

Student teaching in special education for students seeking to extend a certification.

SPED 474 Clinical Experiences with Students with Disabilities

1-3 crs. • F, Sp, Su • May be repeated for a maximum of 4 credits • Department Consent Required

Supervised clinical experiences for post-baccalaureate licensed teachers.

SPED 475 Internship Teaching

7-14 crs. • F, Sp • Special Course Fee Required; IN • Department Consent Required

• Admission to the professional semester and departmental approval is required. Students with a major in special education with dual certification in elementary education may register for an internship of seven credits in special education (SPED 475) and seven credits in elementary education (ES 440).

The intern is a paid contractual member of a public school staff who spends an entire semester in a school system, including the opening and closing periods.

SPED 476 Professional Practices in Special Education

1 cr. • F, Sp • CP; Special Course Fee Required • P: Must be taken with appropriate student teaching course(s). Admission to professional semester and recommendation of SPED department. Limited to teaching majors admitted to the College of Education and Human Sciences.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

• Must be taken with appropriate student teaching course(s). Admission to professional semester and recommendation of Special Education department.

Provides a capstone experience in special education. Students organize and synthesize information from professional coursework, maintain and utilize a professional portfolio, and design curricular and behavioral interventions consistent with federal law and state regulations.

SPED 495/695 Directed Studies in Special Education

1-3 crs. • May be repeated

• Arranged by department in response to need.

Group study, under the immediate direction of a Special Education faculty member, of a defined problem not covered in existing courses.

SPED 499 Independent Study

1-3 crs. • May be repeated • P: Limited to teaching majors admitted to College of Education and Human Sciences. Minimum junior standing. • Department Consent Required

Permits a student to study a special problem or issue.

Human Sciences Departments

Specific Degree Requirements

Specific requirements for some human science degrees are published in conjunction with the Catalog description of the major leading to the degree, with specific General Education courses required in several categories.

BACHELOR OF SCIENCE DEGREE IN THE COLLEGE OF EDUCATION AND HUMAN SCIENCES

Candidates for the degree of Bachelor of Science from a human sciences department must meet all general graduation requirements of the University (see University Graduation Requirements) and all department requirements for major/minor emphases and GPAs.

In addition, candidates for the B.S. degree must meet the following requirements which are specific to the degree.

1. Mathematics. Demonstrate competency at the level of Math 104 or higher. This requirement may be met in one of three ways:

a. Achieve a score on the mathematics placement test that qualifies the student to enter Math 112 as determined by the Department of Mathematics.

or b. Earn a grade of at least C (not C-) or above, or a mark of S in Math 104 or higher.

or c. Achieve a satisfactory score on the Math 109 Competency Test. This test may be attempted no more than two times and must be passed prior to attaining junior standing. (Exception: Upper division transfer students must pass the test before completing their first semester at UW-Eau Claire.)

2. General Education Requirements. Fulfill the University requirements for General Education by earning at least 39 credits in courses designated as applicable to General Education distributed as follows:

I. Communications. A minimum of six credits, including at least one course from Subcategory A and one course from Subcategory B:

Subcategory A: Communication/Journalism; English (language and composition courses excluding Engl 110 and 112); Foreign Languages (language and composition courses); Interdisciplinary Studies—Communications (including Wmns 431).

Subcategory B: Computer Science; Mathematics (Math 104 or above); Philosophy (only logic courses); Interdisciplinary Studies—Communications.

II. Natural Sciences. Nine to 12 semester credits (including one laboratory course) of course work from at least two of the six Subcategories: A. Biology; B. Chemistry; C. Geography (physical); D. Geology; E. Physics; F. Interdisciplinary Studies—Natural Sciences (including Materials Science; Wmns 432).

NOTE: A listing of those courses that fulfill this laboratory course requirement is provided under General Information.

III. Social Sciences. Nine to 12 semester credits from at least two of the seven Subcategories: A. Anthropology; B. Economics; C. Geography (cultural); D. Political Science; E. Psychology; F. Sociology; G. Interdisciplinary Studies—Social Sciences (including AIS 101; Criminal Justice; LAS 150; Wmns 310, 375, 433, 440).

IV. Humanities. Nine to 12 semester credits, including one course from two of the five Subcategories: A. Fine Arts—Art, Art History, Dance, Music, Theatre Arts; B. Philosophy (excluding logic courses); Religious Studies; C. History; D. English (literature courses); Foreign Languages (literature and civilization courses); E. Interdisciplinary Studies—Humanities (including Humanities, Interdisciplinary Studies, International Studies, Latin American Studies, Women's Studies).

V. University-Wide General Education. Up to six credits. Includes courses that cross General Education categories I-IV as well as selected courses from the Colleges of Business, Education and Human Sciences, and Nursing and Health Sciences.

GENERAL INFORMATION

Placement Tests. The mathematics/foreign language placement tests are given during the orientation periods for new freshmen and transfers. Further information about the foreign language or the mathematics tests is available from the chair of the appropriate department.

Laboratory Science Courses. The following have been designated as fulfilling the requirements for laboratory science courses in the human sciences departments:

Biol 100, 110, 111, 151, 181, 195, 214, 320, 356, 392; Chem 100, 103, 104, 115, 325; Geog 104; Geol 106, 110, 115; Msci 100; Phys 100, 211, 212, 226, 229, 231, 232.

Degree Requirements

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements.

Human Sciences Graduation Requirements: Grade Point Averages. All degree candidates must earn minimum resident and total GPAs of 2.00 or higher in both the major and the minor. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department. The resident and total GPAs for the minor are computed similarly.

Human Sciences Graduation Requirements: Cultural Diversity. The University Cultural Diversity Requirement must be satisfied by all students receiving degrees in the human sciences departments. To meet the cultural diversity requirement, students must take a minimum of three credits of approved course work. Courses which fulfill the requirement are listed in this catalog (see Cultural Diversity Courses). Several degree programs in the human sciences departments require courses that will fulfill or partially fulfill this requirement. This information can be found in this catalog describing the degree requirements for each program. Students should consult their advisers for details.

Human Sciences Graduation Requirements: Foreign Language/Foreign Culture. The University Foreign Language/Foreign Culture Requirement must be satisfied by all students receiving degrees in the human sciences departments. Consult this catalog (Foreign Language/Foreign Culture Requirement) for details of the requirement.

Major-Minor Requirements. A standard major (a minimum of 36 credits) must be supplemented by a minor (a minimum of 24 credits). No minor is required with a Comprehensive Major (at least 59 credits) or with two majors of 36 or more credits each. Any combination of standard major and minor, or two majors must contain 60 unique credits. A comprehensive major does not necessitate a minor.

Planning a Degree Program

Declaring a Major/Minor Program

To officially declare or change to a new major or minor, a student must go to the office of the department of the intended major or minor. Specific instructions can be found at www.uwec.edu/registrar/student/chgofmajor.htm.

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

Special Curricular Offerings

Special Topics Courses

The Departments of Kinesiology and Social Work offer courses in which the topic for study may vary from semester to semester, often focusing on a contemporary issue or taking an innovative approach to a traditional subject. Students and faculty members are invited to recommend topics to the department. Final approval of each semester's offerings rests with the Academic Curriculum Committee of the College of Education and Human Sciences. Topics are announced in the Class Schedule for the semester.

Restrictions: A total of no more than nine credits in Special Topics courses may be applied toward graduation. Special Topics courses may not be applied toward completion of the General Education requirements. The Department of Social Work may further restrict the application of such credits to their majors.

Directed Study Courses

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

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

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

Procedures: Permits to register may be obtained from department offices. When registration has been completed, the department will file a copy of each project with the Associate Dean of the College, Brewer 154.

Independent Studies

Under the course numbers 399 and 499, each department in the human sciences department provides advanced students with opportunities for independent study in fields where they have already demonstrated their competence.

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

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



Communication Sciences and Disorders

HUMAN SCIENCES AND SERVICES 112
 (715) 836-4186
www.uwec.edu/csd/index.htm

KRISTINE RETHERFORD, CHAIR

SHANNON COLLINS, KAY HAGEDORN, ABBY HEMMERICH, JERRY HOEPNER, VICKI SAMELSON, GAIL SCUKANEC, MARIE STADLER, ANGELA STERLING-ORTH.

Off-Campus Adjunct Faculty: A current listing is available from the Chair of the Department.

Communication is one of the most important human attributes. The child or adult unable to speak or hear normally can be isolated. Communication Sciences and Disorders (Speech-Language Pathology and Audiology) is the profession devoted to helping people overcome disabilities in speech, language, swallowing, and/or hearing, and to increasing our knowledge of the human communication processes.

The first step toward a career in this field is the earning of an undergraduate degree with a major in Communication Sciences and Disorders. The undergraduate degree program, which involves a comprehensive major of an interdisciplinary nature or a standard major, includes a strong liberal arts and sciences component. A master's degree is required to complete the professional education prior to initial employment. For a description of the UW-Eau Claire master's degree program in speech-language pathology, contact the Department. The master's degree program is accredited in speech-language pathology by the Council on Academic Accreditation of the American Speech-Language-Hearing Association and is approved by the Wisconsin Department of Public Instruction.

DEPARTMENT HONORS PROGRAM

Eligibility: Acceptance into the program is limited to upper-class majors with resident and total GPAs of 3.50 or higher, an average of 3.50 or higher in CSD courses, and the consent of the department. Successful completion at time of application of CSD 256, CSD 257, and CSD 353, with a grade of B or above. Students invited to join the CSD Departmental Honors program will not have taken any courses for a grade of Satisfactory or Unsatisfactory.

Requirements: Completion of a 2 credit Research Seminar; two upper division CSD courses offering an Honors Contract; a Scholarship project selected from 4 options; presentation of project or research results at CSD Pro-Sem during spring of senior year; presentation of project or research at UW-Eau Claire Student Research Day and for other campus, state, or national research conferences; and graduating with a total GPA of 3.5 or higher and a GPA of 3.5 or higher in CSD course work.

MAJOR: COMMUNICATION SCIENCES AND DISORDERS, Liberal Arts (Code 622-252)

Thirty-six semester credits, including:		<u>Credits</u>
CSD 256	Anatomy and Physiology of Speech and Hearing	4
257	Normal Communication Development	3
258	Normal Communication Development Lab	1
262	Phonetics: Theory and Application	2
331	Developmental Language Disorders	4
353	Speech and Hearing Science	4
358	Phonological Disorders	3
373	Basic Audiology	3
Plus 12 credits from:		
150	Introduction to Communication Sciences and Disorders	3
321	Aural Rehabilitation	3
326	Voice and Resonance Disorders	3
352	Fluency Disorders	3
370	Clinical Procedures in Communication Disorders	3
378	Introduction to Sign Language	3

Procedures: The student shall outline an independent study proposal to a professor willing to direct the study. A permit approved by the department chair and the professor directing the study is required in order to register for a 399 or 499 course. A course description form is to be filed by the end of the fourth week of the semester (second week of Summer Session). Forms are available from the College of Education and Human Sciences office, Brewer 154.

Internships and Field Practicum Courses

Some type of internship or clinical experience is an integral part of programs in Athletic Training, Communication Sciences and Disorders, Kinesiology: Human Performance, and Social Work.

Departmental Honors Programs

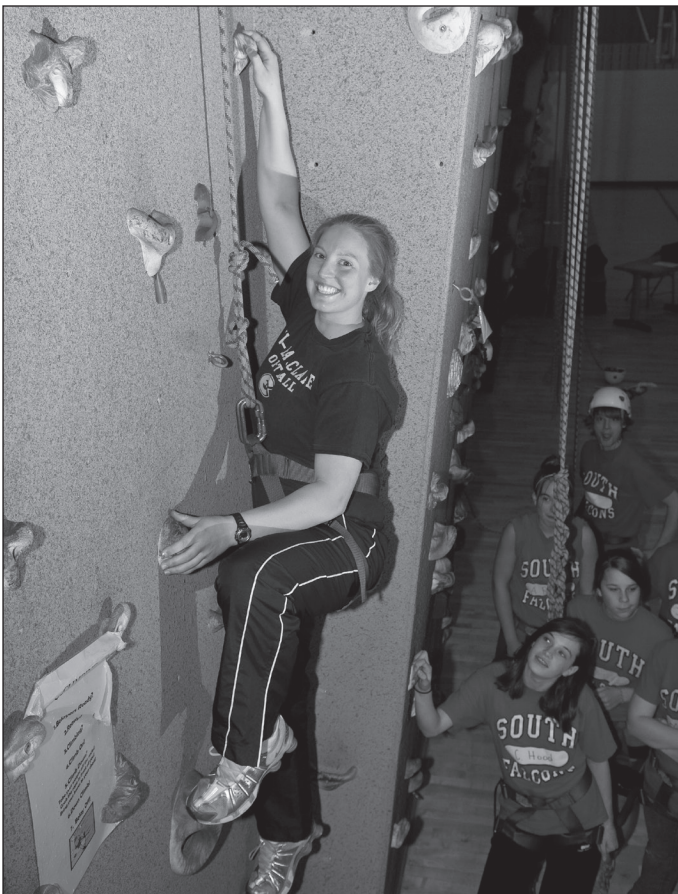
The Department of Social Work has established a Departmental Honors Program for its major. See the departmental listings for requirements.

MINOR: TOPICAL MINOR (Code 610-453)

A Topical Minor is composed of 24 semester credits selected by the student to meet the student's own interests and scholarly objectives. Courses for the minor may be chosen on the basis of a coherent theme, an historical period, a definable professional need, or a complementary relation to the student's major.

The Topical Minor is not intended to be used to duplicate any major or minor offered as a regular program within the UW System.

The Topical Minor must include courses from at least two departments, with no more than 15 credits from any one department and no more than six credits from the department of the student's major. Courses included in the major cannot be applied to the minor. At least 12 of the 24 credits must be earned in courses numbered 300 or higher, and at least 12 of the 24 credits must be earned in College of Education and Human Sciences courses. The remaining credits can be earned from any College within the University.



COMMUNICATION SCIENCES AND DISORDERS

410	Communication Changes and Disorders of the Older Adult	3
411	Facilitating Communication in Preschool Children	2
419	Assistive Technology (AT) and Augmentative and Alternative Communication (AAC)	2
440	Neurological Aspects of Communication	2
448	Aphasia and Related Disorders	2
473	Applications in Audiology	2
485	Serving Diverse Populations	2

For students pursuing this degree, the General Education program will include:

- GE-IB: Math 104 or above or a statistics course
- GE-II: At least one biology course from the following: Biol 100, 111, 151, or 214.
- GE-III: Psys 230

COMPREHENSIVE MAJOR:

COMMUNICATION SCIENCES AND DISORDERS, Liberal Arts (Code 622-053)

Fifty-nine credits, including:

	<u>Credits</u>	
CSD 256	Anatomy and Physiology of Speech and Hearing	4
257	Normal Communication Development	3
258	Normal Communication Development Lab	1
262	Phonetics: Theory and Application	2
321	Aural Rehabilitation	3
326	Voice and Resonance Disorders	3
331	Developmental Language Disorders	4
352	Fluency Disorders	3
353	Speech and Hearing Science	4
358	Phonological Disorders	3
370	Clinical Procedures in Communication Disorders	3
373	Basic Audiology	3
440	Neurological Aspects of Communication	2
470	Clinical Practicum in Communication Disorders I	2
485	Serving Diverse Populations	2

Non-CSD courses:

Psyc 230	Human Development	3
260	Educational Psychology	3
ES 385	Social Foundations: Human Relations	3

One of the following courses:

Exceptional Child, Psyc 334 or Sped 200	3
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One of the following courses:

Behavior Management, Sped 306; Psyc 281 or 302	3
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One of the following courses:

Sped 210, 220, 330; Psyc 333, 379	2
ES 328	2

For students pursuing this degree, the General Education program will include:

- GE-IA: CJ 202, Fundamentals of Speech.
- GE-IB: Math 246, Elementary Statistics, *or* a statistics course.
- GE-II: At least one biology course from the following: Biol 100, 111, 151, or 214.
- GE-III: Psys 230 and 260.
- GE-IV: One course from subcategory A and one course from subcategory D.

Course in Western History or Western Contemporary Culture and course in Non-Western History or Non-Western Contemporary Culture.

NOTE: A master's degree in Communication Sciences and Disorders is required for Early Childhood through Adolescence licensure in speech and language pathology prior to employment in Wisconsin schools.

Scholastic Requirements. Students must complete all courses in the CSD majors, one GE-I math course, one GE-II biological science course, one GE-II physical science course, and one GE-III social/behavioral science course with a grade of C or above by the time of graduation. A minimum resident and total GPA of 2.50 is required

to take 300- and 400-level major courses, with the exception of CSD 353, Speech and Hearing Science. A minimum CSD GPA of 3.00 and resident and total GPAs of 2.75 are required to enroll in CSD 370, Clinical Procedures in Communication Disorders, and CSD 470, Clinical Practicum in Communication Disorders I.

Satisfactory/Unsatisfactory Policy. No degree credit may be earned under the Satisfactory/Unsatisfactory option in any course presented for completion of a major in Communication Sciences and Disorders unless Satisfactory/Unsatisfactory is the only grading option available for a course.

CSD

CSD 101 American Sign Language I

3 crs. • F, Sp, Su

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• No credit if taken after CDIS 495/695, American Sign Language I.

Introduction to American Sign Language (ASL), a visual/gestural language used by the deaf community. Aspects of deaf culture are covered.

CSD 102 American Sign Language II

3 crs. • F, Sp • P: CSD 101

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• No credit if taken after CDIS 495/695, American Sign Language II.

A continuation of American Sign Language I. Introduces students to new functions that expand their conversational range from talking about themselves to talking about other people and activities. Aspects of deaf culture are covered.

CSD 103 American Sign Language III

3 crs. • F, Sp • P: CSD 102

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• No credit if taken after CDIS 495/695, American Sign Language III.

A continuation of American Sign Language II. Further expansion of students' conversational range for talking about other people and activities. Aspects of deaf culture are covered.

CSD 150 Introduction to Communication Sciences and Disorders

3 crs. • F, Sp • GE-V

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CSD 201 American Sign Language IV

3 crs. • Sp • A-F Grades Only • P: CSD 101, CSD 102, and CSD 103.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Continuation of American Sign Language III with more complex grammar, dialogue, and narrative including advanced receptive and expressive skills. Aspects of semantics, literature and culture.

CSD 210 Cultural Perspectives of the Deaf

3 crs. • F • A-F Grades Only

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Introduction to the American Deaf Culture. The Deaf community as a linguistic/cultural minority. Historical influences of and effects on Deaf in political activism, laws, information access, educational philosophies, communication systems and others.

CSD 256 Anatomy and Physiology of Speech and Hearing

4 crs. • F, Sp • P: Minimum sophomore standing.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

Anatomy and physiology of the speech mechanism (respiration, phonation, resonance, articulation) and of hearing, including the related neurology.

CSD 257 Normal Communication Development

3 crs. • F, Sp, Su • P: Minimum of 12 earned prior credits.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CSD 258 Normal Communication Development Lab

1 cr. • Sp • P: CSD 257

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2

Features of normal communication development including socio-cultural influences, cognitive development, and communication comprehension and production. Procedures for observing and descriptive recording of normal communication behaviors.

COMMUNICATION SCIENCES AND DISORDERS

CSD 262 Phonetics: Theory and Application

2 crs. • F, Sp, Su • P: Minimum of 12 earned prior credits.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

Study of the phonological system of language. Emphasis on phonemic and phonetic analysis and transcription of standard, nonstandard, and deviant speech.

CSD 311/511 Language Development and Disorders: Related Disciplines

3 crs. • F, Su

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

CSD 321/521 Aural Rehabilitation

3 crs. • Sp • P: No credit if taken after CDIS 376/576. Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• CSD 373 is recommended prior to enrollment in this course.

Effects of hearing loss on perceptual, cognitive, communicative, educational, occupational, social, and emotional aspects of life, for all age ranges, are studied. Common intervention techniques associated with hearing loss are presented.

CSD 326/526 Voice and Resonance Disorders

3 crs. • F, Sp • P: CSD 256 and 353. Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CSD 331 Developmental Language Disorders

4 crs. • F, Sp • P: CSD 257, 258, and 262. Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

Characteristics of language disorders in children from birth through adolescence as well as assessment and intervention strategies appropriate for that population.

CSD 352/552 Fluency Disorders

3 crs. • Sp • P: Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

The nature and theories of stuttering and other fluency disorders. Clinical intervention for people who stutter and understanding how theories can be clinically useful.

CSD 353 Speech and Hearing Science

4 crs. • F, Sp • P: No credit if taken after CDIS 253. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

This course will introduce students to basic acoustics, psychoacoustics, acoustics of voice and speech production, and basic research principles. Lecture, discussion, and labs will be used in instruction.

CSD 358/558 Phonological Disorders

3 crs. • F, Sp • P: CSD 257 and CSD 262. Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

This course addresses the nature, assessment, and treatment of phonological disorders in children and dialect variations of phonology in adults.

CSD 370 Clinical Procedures in Communication Disorders

3 crs. • F, Sp • P: CSD 358 or 331. Minimum CSD GPA of 3.00. Minimum resident and total GPA of 2.75. • Department Consent Required

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

CSD 373 Basic Audiology

3 crs. • F, Sp • P: Minimum resident and total GPA of 2.50.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

CSD 378/578 Introduction to Sign Language

3 crs. • F, Sp

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

CSD 399 Independent Study - Juniors

1-3 crs. • F, Sp • May be repeated • P: Minimum junior standing. • Department Consent Required

CSD 410/610 Communication Changes and Disorders of the Older Adult

3 crs. • Sp • GE-V • P: Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

CSD 411/611 Facilitating Communication in Preschool Children

2 crs. • Sp • P: CSD 257

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Open to all undergraduate students.

Foundations for the evaluation of preschool children, program planning, and program implementation in early childhood/handicapped classrooms. Focus includes contexts for communication, content and sequence of communication programs, and techniques for facilitating communication.

CSD 415 Instructional Internship in Communication Disorders

1-3 crs. • F, Sp • IN • May be repeated for a maximum of 6 credits • P: 3.00 GPA or higher in CSD coursework. Limited to CSD majors. • 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.

CSD 419/619 Assistive Technology and Augmentative and Alternative Communication: Related Disciplines

2 crs. • F • P: CSD 257 or 311/511.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• 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 life-span. Current research, public policy issues, and effective clinical practices will be emphasized.

CSD 435 Research Seminar in Communication Sciences and Disorders

3 crs. • Sp • A-F Grades Only • P: Grade of B or above in MATH 246 or PSYC 265. Minimum total GPA of 3.5. Minimum junior standing.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Required course for students enrolled in CSD Department Honors Program. CSD Department Honors students must register for this courses as an Honors Contract.

An advanced-level research seminar to explore the scientific method as it applies to clinical, educational, and social science research. Topics include evidence-based practice, literature searches, developing scientific questions and hypotheses, and evaluating research.

CSD 440/640 Neurological Aspects of Communication

2 crs. • F • P: CSD 256. Minimum 2.50 resident and total GPA. Minimum senior standing.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Neuroanatomical and neurophysiological bases of communication with an emphasis on normal aspects.

CSD 448/648 Aphasia and Related Disorders

2 crs. • Sp • P: CSD 440/640

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Differential diagnosis and treatment of the aphasias and related language disorders.

CSD 470/670 Clinical Practicum in Communication Disorders I

2 crs. • F, Sp • SL-Full; CP • May be repeated for a maximum of 4 credits • P: CSD 370; and CSD 331 or 358. Minimum CSD GPA of 3.00. Minimum resident and total GPA of 2.75. • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

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.

COMMUNICATION SCIENCES AND DISORDERS

CSD 473/673 Applications in Audiology

2 crs. • F • P: CSD 373

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• No credit if taken after CDIS 495/695 (Fall 2002) as Audiology Practices.

Practical application of audiology practices for Speech Language Pathology and Audiology students are presented. There is a special emphasis on screening for hearing loss, middle ear disorder screening, auditory processing disorder, auditory training, and amplification.

CSD 485/685 Serving Diverse Populations

2 crs. • Sp • CD2 • No S/U Grade Option • P: CSD 370

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

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.

CSD 495/695 Directed Studies

1-3 crs. • F, Sp • Special Course Fee Required • May be repeated • Department Consent Required

Permits groups of students to study topics of mutual interest in the field of communication disorders.

CSD 499 Independent Study - Seniors

1-3 crs. • F, Sp • May be repeated • P: Minimum senior standing. • Department Consent Required



Kinesiology

McPHEE 219

(715) 836-3840

www.uwec.edu/kin/index.htm

MATT WIGGINS, CHAIR

DON BREDLE, MIKE COLLINS, TONJA ENGLUND, GARRY GRANT, LISA HERB, JEFF JANOT, ERIN JOHNSON, MARQUELL JOHNSON, PEG JOHNSON, MARY LARUE, MICHELLE MATTES, JAMIE O'CONNOR, RUSSEL PELOQUIN, ROBERT STOW, TADD TURNQUIST, GARY VAN GUILDER, SEAN YENGO, TRACY YENGO.

Kinesiology is the study of the art and science of human movement. The mission of the Department of Kinesiology at the University of Wisconsin–Eau Claire is to foster purposeful learning in the science, application, and principles of kinesiology to understand the full nature of human movement across the lifespan. We live and promote this mission by developing and preparing transformative learners to lead others in the achievement of a healthy, physically active lifestyle, and an enhanced quality of life.

Toward this end, the department offers majors in Athletic Training and Kinesiology. The Kinesiology major has four emphases to choose from including Human Performance, Teaching Early Childhood through Adolescence Physical Education, Sport Pedagogy, and Movement Studies. Minors are offered in the Science of Coaching, Adaptive Physical Education, and Kinesiology.

The department also offers a wide array of courses to meet the University Wellness requirement.

All the programs in the department are designed to stimulate intellectual development, instill leadership qualities, and promote service to others.

University Wellness Requirement. The University Wellness requirement is described in this catalog under University Graduation Requirements, page 43.

INFORMATION FOR ALL STUDENTS

A number of required courses within the majors and minors may undergo revision. Course information is therefore subject to change. See your academic adviser for additional information on how these changes may affect your individual plan of study.

Some courses require a special fee because of the nature of the activity. Current special course fees are shown in the Class Schedule.

Department programs may be limited by resources available. All new students are strongly encouraged to make contact with their assigned academic adviser early in the semester.

Satisfactory/Unsatisfactory Policy.

No degree credit may be earned under the Satisfactory/Unsatisfactory option in any course presented for completion of a major or minor in Athletic Training or Kinesiology unless Satisfactory/Unsatisfactory is the only grading option available for a course.

Core Requirements for All Kinesiology Majors (Except Athletic Training—Code 995-060)

	<u>Credits</u>
Kins 294 Anatomical Kinesiology	3
Kins 304 Biomechanical Kinesiology	3
Kins 308 Exercise Physiology	3
Kins 426 Motor Learning and Development	3
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COMPREHENSIVE MAJOR: KINESIOLOGY,

Physical Education Teaching Emphasis (Code 991-065)

Fifty-nine semester credits, including the Core plus Kins 290, 293, 300, 301, 302, 303, 305, 327, 328, 474, 484, 487, 493, 496; Sped 200 and 210, or 220, or 306; and Psyc 261. Additional requirements include: Biol 130

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(GE-II), Biol 151 (GE-II); Math 246 (GE-1B); and Phys 100 (GE-II) which is a prerequisite for KINS 304. See chart on page 222 for College of Education and Human Sciences GE requirements. This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option C and leads to licensure to teach Physical Education and Adaptive Physical Education in Early Childhood through Adolescence classrooms.

The University Physical Activity and Service-Learning requirements are met by the completion of required coursework within this major.

Admission to the College of Education and Human Sciences Teacher Educational Program

See additional requirements for admission to EA-A and EC-A programs on page 218. The Physical Education Teaching Program Committee will screen students for admission to the program and make recommendations to the EA-A/EC-A Admissions Committee based on:

1. A completed resumé outlining:
 - a. experiences with children and adolescents.
 - b. involvement in professional organizations.
2. A formal interview.
3. A completed course of study form.
4. Performance evaluations from Kins courses.
5. Resident and total GPA of 2.75 or higher.

Resources available limit the number of students admitted to the program. Not everyone who applies can be guaranteed admission.

Human Performance Emphasis

Sixty semester credits including the Core plus Kins 309, 355, 357, 358, 440, 464, 466, 474, and 498. Students must also select an option specialization in one of the following areas: Sport Performance, Fitness Management, Health Promotion, or Pre-Professional.

Required courses in the Sport Performance option (Code 991-066) include Kins 262, 275, 277, 292, and 312, and eight credits of electives from: Bcom 206, 207; Kins 200, 274, 313, 330, 348, 420, 450; Psyc 230, 380.

Required courses in the Fitness Management option (Code 991-067) include Acct 201, 202; Bcom 206, 207; IS 240; Mgmt 340; and three credits of electives from: Kins 200, 348; Mgmt 349; Mktg 330; Nrsg 333.

Required courses in the Health Promotion option (Code 991-068) include Kins 262, 275, 277; Nrsg 220, 375 and nine credits of electives selected from: Enph 450; Kins 200, 312, 330, 445, 450; Nrsg 333, 389; Nrsg/SW 360; Phil 306; Psyc 230, 333, 353, 380; Soc 364; and SW 315.

Required courses in the Pre-Professional option (Code 991-069) include Biol 314; Chem 103, and 104 or 150 or 325; and five to seven credits of electives selected from: Chem 326, 352; Kins 200, 275, 277, 310, 330, 375, 376, 420, 445; Math 111, 112, 114; Nrsg 220, 375; Phil 306; Phys 212; and Psyc 230, 333.

The following GE courses are required for all Human Performance students: Biol 196; Biol 151 or 214 (Biol 214 is required for the pre-professional option); Math 246; and Phys 100 or 211. The University Wellness, Physical Activity, and Service-Learning graduation requirements are met by the completion of required course work within this major.

Admission to Human Performance Emphasis

The Human Performance Emphasis is intended to prepare students to work in clinical, commercial, corporate, and community health fitness settings. Formal application to the Human Performance Emphasis should be made during the second year (either fall or spring) of attendance while enrolled in Kins 309, Introduction to Human Performance. This will allow students to begin taking courses in their area of option (Sport Performance, Fitness Management, Health Promotion, or Pre-Professional) the next semester and begin the professional phase courses the following semester (e.g., Kins 355 and 358). The number of students admitted to the program each year is limited by available resources. Not everyone who applies can be guaranteed admission

(currently up to 30 new students are admitted each semester). Program admission will be stratified based on primary interest in one of the four options (Sport Performance, Fitness Management, Health Promotion, or Pre-Professional), with up to five candidates being admitted in each area. Additional candidates will then be admitted based on merit regardless of specialization area.

The Human Performance Program Committee will screen students for admission to the program. At the time of application, students must:

1. Submit a completed program application form and intended plan of study.
2. Be enrolled in or completed Kins 304, 308, and 309.
3. Submit a cover letter and resumé highlighting qualifications related to human performance.

Student admission will be based on the following criteria:

1. Total GPAs—40%
2. Overall performance in Kins 304, 308, and 309—36%
3. Evaluation of student cover letter, resumé, and application self reflective essays—24%

Students who are not accepted in the Human Performance program may apply again the following semester. Those students who choose to reapply are reminded that the program is a two-year course of study once accepted and that reapplying could delay their graduation up to one year.

Admission requirements: Kinesiology: Human Performance Emphasis
Application deadline: Fall, spring semester while enrolled in Kins 309

Credits required prior to program admission: Completion of 30 credits or more
Minimum GPA: 2.75 resident, major, and total GPA

Special grade/course requirement: Completion of Kins 304, 308, and 309
Other requirements: Submission of application, resumé, and cover letter

Enrollment limitations: Maximum of 30 students admitted per semester

Admission to internship: Completion of Kins 309, 355, and 358; maintenance of current American Red Cross First Aid and CPR certification or equivalent; completion of background information disclosure check prior to the start of internship; and submission of internship position description.

Retention

Once admitted into the Human Performance program, the student must meet the following criteria to remain in the program:

1. Maintain a 3.00 GPA in all Kinesiology major courses.
2. Continue to display appropriate dispositions regarding professional development, as outlined in the Policy for Disposition Intervention, Department of Kinesiology, Human Performance Emphasis.
3. Satisfactorily complete all course, lab, and practicum experiences within the Human Performance Emphasis core with a C+ or above. *Human Performance core courses with a grade lower than C+ must be repeated.*
4. *Students must maintain a 2.75 or higher total GPA to remain in the Human Performance emphasis.*

Transfer Students

Transfer students must meet all application requirements prior to application to the program. Kins 309 must be taken on campus. Transfer students who are interested in the Human Performance Emphasis should inform the Admissions office upon application for admission to the University and contact the Human Performance program director.

Sport Pedagogy Emphasis (Code 991-052)

This major WILL NOT lead to licensure in physical education upon graduation.

Sixty semester credits, including the Core plus Kins 290, 293, 300, 301, 302, 303, 305, 327, 328, 476, and 484; Sped 200 and 210, or 220, or 306; Psys 261; and eight credits from Kins 200, 274, 275, 277, 292, 312, 313, 335, 487, 493; Sped 330, 350. Additional requirements include: CJ 202 (GE-I); Biol 130, 151 (GE-II); Phys 100 (GE-II) which is a prerequisite for Kins 304. The College of Education and Human Sciences GE requirements should be met if the student desires to pursue licensure in the future. **See chart on page 222 for College of Education and Human Sciences GE requirements.** In order to be eligible for future licensure, a student must achieve a 2.75 or higher total GPA upon graduation. Students must maintain a 2.75 or higher total GPA to remain in the Sport Pedagogy emphasis. Students will need to pursue additional course work and program requirements to receive licensure and should meet with their adviser to discuss career options. Students wanting to graduate with a licensure in teaching should pursue the Physical Education Teaching emphasis. The University Physical Activity and the Service-Learning requirements are met by completion of required coursework in this emphasis.

Admission requirements: Sport Pedagogy
Minimum GPA: At least 2.75 total

Movement Studies Emphasis (Code 991-261)

Thirty-six semester credits, including the Core plus Kins 312, 313, 357, and 476. Twelve elective credits from the following: Biol 196; Dnce 101; Kins 200, 262, 275, 277, 292, and 450; Nrsg 375. The following GE courses are required: Biol 151; Math 104 or higher; Phys 100 or 211.

Admission to Movement Studies Emphasis

Upon completing 30 credits and earning a minimum total GPA of 2.75, students may declare the Movement Studies emphasis through a Kinesiology adviser. To remain in and graduate from this program, students must maintain a 2.75 total GPA. Students falling below the total GPA of 2.75 will be dropped from the program and will need to meet with the program director for re-admission.

COMPREHENSIVE MAJOR: ATHLETIC TRAINING (Code 995-060)

Sixty-one semester credits including the following courses: Core courses: Kins 294, 304, 308; Biol 314; Enph 450; Kins 204, 275, 277, 280, 310, 312, 315, 316, 330, 357, 375, 376, 415, 416, 420, 430, 450, 474; Nrsg 220, 375. Required GE or Wellness courses include: Biol 214; CJ 202; Chem 103; Kins 186 or 262; Math 246; Phys 100; and Psys 100. The University Wellness, Physical Activity, and Service-Learning graduation requirements are met by the completion of required course work within this major.

Admission to Athletic Training Major

This major prepares students to become entry-level certified athletic trainers who are highly educated health care professionals who specialize in educating patients, preventing, recognizing, managing, and rehabilitating injuries that result from physical activity. Certified athletic trainers are part of a complete health care team that works under the direction of a licensed physician and in cooperation with other health care professionals and may work in high schools, colleges/universities, clinics/hospitals, corporations/industries, or for professional sports teams. Clinical/field experience is a valuable educational tool and an area of emphasis in the athletic training education program through clinical site rotations. All students majoring in athletic training are required to complete clinical/field experiences arranged by the athletic training educational program.

The Athletic Training major is accredited through the Commission on Accreditation of Athletic Training Education (CAATE). Successful completion of this major allows students to sit for the Board of Certification (BOC) examination to become a certified athletic trainer.

All freshmen/transfer students who declare athletic training as their

major on admittance to the University must meet with the Program Director in an advising group meeting before the start of the first semester. Students who declare athletic training as their major after the beginning of the spring semester will be advised to start candidacy in the fall semester. As part of the candidacy period, all students are required to complete 50 hours of observation with a certified athletic trainer prior to the application deadline of April 1.

Formal application may be made to the Athletic Training Major during the second semester of the first year of attendance. This will allow selected students to start the three-year course of study during the fall semester of the following year. The number of students admitted to the program is limited by resources available. Not everyone who applies can be guaranteed admission (currently 12-15 new students are admitted each year).

The Athletic Training Education Program Committee will screen students for admission to the program and make recommendations to the department chair. At the time of application, students must submit:

1. A completed program application form.
2. Transcripts indicating a total GPA of 2.75 or higher on a minimum of 25 credits of degree work.
3. Proof of the completion of 50 hours of observation under the direct supervision of a certified athletic trainer.
4. Evidence of completing and passing a background check.
5. Transcripts indicating completion of Kins 274 or hold a current American Red Cross Lay Responder CPR/AED and First Aid card (or equivalent).
6. Evidence of being tuberculosis free (Student Health Service offers TB tests).
7. Evidence of receiving at least two of the three required immunizations in the Hepatitis B vaccine series (or a signed Hepatitis B immunization declination) and verification of immunization history for measles, mumps, rubella, tetanus, and diphtheria.
8. Completion of Kins 204, Introduction to Athletic Training, with a grade of "B" (3.00) or above.
9. Documentation of compliance with the Athletic Training Education Program Technical Standards for Admission, which are based on the physical, cognitive, and attitudinal abilities that an entry-level athletic trainer must possess (see Athletic Training Education Program director for more information or copies of the technical standards).

Student admission will be based on the following criteria:

1. Performance evaluations by clinical supervisors—30%
2. Interview—30%
3. Cumulative University GPA—40%

Each student will be given a numerical score for each of the above categories. The totals for each student will be ranked, and the top 12-15 students will be recommended to the department chair for admission to the program. Letters of acceptance status will be sent by June 15 each year. Students who are not accepted are encouraged to select another major at the University. Those students who choose to reapply the following year are reminded that the major is a three-year course of study once accepted and that reapplying will delay their graduation by at least one year.

Students accepted into the program will have to have a physical examination completed during the summer. Students will begin their athletic training course work and clinical education/field experiences in the fall.

Any costs incurred with application and acceptance into the program are the athletic training student's responsibility. These costs may include, but are not limited to: fees for CPR and First Aid certification, Hepatitis B vaccinations, updates of other immunizations, physical examination, membership in the NATA, athletic training specific clothing, travel to and from clinical sites, and other items needed for didactic and/or clinical study.

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Retention

Once admitted into the Athletic Training major, the student must meet the following criteria to remain in the major:

1. Maintain a 3.00 GPA total in all athletic training core courses.
2. Earn a grade of B- or above in all ATEP core courses. *ATEP courses with a letter grade below B- must be repeated.*
3. Continue to be in compliance with the Athletic Training Education Program Technical Standards for Admission and the National Athletic Trainers' Association (NATA) Code of Ethics, policies and guidelines established by the program's accrediting agency (CAATE), and the policy and procedures manual established by the ATEP (see the Athletic Training Education Program director for a copy of the manual).
4. Satisfactorily complete all clinical experiences and other required program criteria.

To graduate from this program a student must achieve a 2.75 or higher total GPA.

Transfer Students

Transfer students must meet all application requirements prior to application to the program. Kins 204, Introduction to Athletic Training, must be taken on campus. Those students transferring from another institution with an accredited (CAATE) athletic training program and have taken an equivalent course, may petition the selection committee to accept the course. Transfer students who are interested in the Athletic Training major should inform the Admissions office upon application for admission to the university and contact the Athletic Training Education Program director.

Special Fall Admission Policy

First-time applicants, who meet all of the stated admission criteria, may apply by November 1 for admission to the athletic training major. This application period is intended for students who enroll during the spring semester or transfer from another accredited athletic training program. Enrollment will be limited to the number of clinical positions available. Applicants who are considered during the special fall admission period and are not accepted at that time will be considered again during the spring application period.

Student Transportation

Students in the athletic training education program must provide their own transportation to and from clinical experiences. Some clinical experiences may require travel to other communities.

MINOR: ADAPTIVE PHYSICAL EDUCATION, Teaching (Code 991-459)

Twenty-four semester credits, including Sped 200, 306; Kins 484, 487, 493; plus nine credits selected from CSD 378; Sped 210, 324, 330, 350, 403, 421. This minor is restricted to students in the College of Education and Human Sciences: Education Studies: Option C and leads to licensure to teach Adaptive Physical Education in Early Childhood through Adolescence classrooms when combined with the Kinesiology teaching major at the Early Childhood through Adolescence level.

ADDITIONAL LICENSURE AND CERTIFICATION

Adaptive Physical Education

Physical Education majors and licensed physical education teachers who wish to add licensure in Adaptive Physical Education must complete either the minor or 15 semester credits including: Sped 200 and 210, or 220, or 306; Kins 484, 487, 493.

Health Education

Physical Education majors and licensed physical education teachers who wish to add licensure in Health Education must complete 26 semester credits (Biol 130, 151, 196 or Kins 450; Kins 274, 294, 308, 335, 336, 337) and a student teaching experience in health education.

MINOR: KINESIOLOGY, Liberal Arts (Code 991-457)

Twenty-four semester credits, including the Core plus Kins 312, 313, 357, and 476.

MINOR: SCIENCE OF COACHING, Liberal Arts (Code 971-452) or Teaching (Code 971-403)

Twenty-four semester credits, including Kins 275, 277, 292, 294, 304, 308, 492; and six credits from the following: 312, 313, and 357. This minor leads to Early Childhood through Adolescence coaching licensure.

NOTE: For dance classes required for the dance minor, see DNCE courses in the Department of Music and Theatre Arts.

KINS

KINS 101 Specialty

0.5-2 crs. • F, Sp • PA • May be repeated

• Special course fee may apply.

Special class activity to be offered as expertise is available.

KINS 108 Intercollegiate Athletics

1 cr. • PA • S/U Only Grade Basis • P: Eligible to practice as defined by the Wisconsin Intercollegiate Athletic Conference. • 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.

KINS 110 Power Walking

1 cr. • V • PA

• No credit if taken after KINS 101 with the same topic.

Introduction to basic techniques and fitness principles used in power walking. Students will develop an individual power walking program to meet their individual physical activity goals.

KINS 112 Fitness

1 cr. • F, Sp • PA; Special Course Fee Required

Includes aerobics activity, flexibility, and resistance exercises to expose students to methods of becoming physically fit or maintaining a degree of fitness.

KINS 114 Lacrosse

1 cr. • F, Sp • PA

• No credit if taken after KINS 101 with the same topic.

Introduction of basic skills of lacrosse (ball pickup, stick handling, passing, shooting). Also the rules, strategies, history, and safety of the game. Provides individual and team play.

KINS 115 Ultimate Frisbee

1 cr. • V • PA

• No credit if taken after KINS 101 with the same topic.

Introduction of basic skills of ultimate Frisbee (catching, throwing, terminology). Also the rules, strategies, history, and safety of the game. Provides individual and team play.

KINS 116 Racquetball

1 cr. • F, Sp • PA

Introduction of basic skills of racquetball including forehand, backhand, serves, and shots. Rules and strategies for singles and doubles. Provides experience in tournament play.

KINS 117 Weight Training

1 cr. • F, Wi, Sp, Su • PA; Special Course Fee Required

Emphasis on techniques of basic lifts. Knowledge in the area of weight training for the development of strength and muscular endurance through progressive resistance. Individual programs for strength development.

KINS 121 Basketball

1 cr. • F, Sp • PA

Development of the fundamental skills of basketball (including dribbling, passing, shooting, defensive sliding, and rebounding). Provides individual instruction and team play.

KINS 125 Soccer

1 cr. • F, Sp • PA

Fundamental skills: dribbling, passing, shooting, heading, trapping, tackling, and goal keeping. Techniques, conditioning, and strategy of play.

KINS 129 Badminton

1 cr. • F, Sp • PA

Introduction to badminton skills, strategies, and rules.

KINS 134 Golf

1 cr. • V • PA

Introduction to golf skills and acquaintance with golf equipment, proper grip, stance, pendulum swing, full swing, chipping, pitching, and putting; rules and etiquette.

KINS 136 Jogging

1 cr. • F, Sp • PA

Acquaintance with the physiological effects of jogging, and a method of measuring physical fitness through aerobics.

KINS 148 Intermediate Swimming

1 cr. • V • PA • P: No credit if taken after KINS 167 or KINS 293

• American Red Cross Level VI certification or proof of equivalent skill level required.

Intermediate water safety skills and knowledge. Includes skills and turns for front and back crawl, elementary backstroke, breaststroke, sidestroke, and butterfly. Also, dives, treading water, games, water safety, and rescue techniques.

KINS 159 Tennis

1 cr. • F, Sp • PA

Basic skills of forehand, backhand, serve, and volley, including grip, stance, and footwork. Singles and doubles rules and strategy.

KINS 172 Volleyball

1 cr. • V • PA

Fundamental skills of pass, set, spike, block, serve, and basic offensive and defensive strategies.

KINS 184 Flag Football

1 cr. • V • PA

Fundamental skills of centering, passing, catching, running pass patterns, hand offs, pitches, blocking, kicking, punting, and other offensive and defensive techniques and strategies of play.

KINS 186 Wellness Concepts and Health Related Fitness

2 crs. • Wi, Su • PA; W; Special Course Fee Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

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.

KINS 196 Wellness Concepts

1 cr. • V • W • P: No credit if taken after KINS 186.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

Students will learn about the seven dimensions of wellness and the importance of the following concepts: health-related fitness, cardiovascular disease, nutrition, stress management, sexual health, and managing common conditions.

KINS 200 Concepts in Kinesiology

3 crs. • F, Sp • P: No credit if taken after KINS 191. Not available for juniors or seniors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Introduction to the field of kinesiology including an examination of history, philosophy, careers, current trends and issues.

KINS 204 Introduction to Athletic Training

1 cr. • V • Special Course Fee Required • P: Limited to pre-athletic training majors.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

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.

KINS 262 Personal Health in a Global Society

3 crs. • F, Sp • W; CD1

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An investigation of inequality, racism, poverty, and economic deprivation that is adversely affecting the health of the American people. Students will access their personal health, examine local and national health concerns, and research global health issues.

KINS 274 First Aid and Community CPR

1 cr. • F, Sp • Special Course Fee Required

American Red Cross First Aid and community CPR training, certification issued on satisfactory completion of course.

KINS 275 Prevention and Care of Athletic/Exercise Injuries

2 crs. • F, Sp • P: KINS 274 and 294. Must be taken with KINS 277.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

Introduction to the basic concepts and fundamentals of the prevention, recognition, treatment, and rehabilitation of exercise injuries.

KINS 277 Prevention and Care of Athletic Injuries Lab

1 cr. • F, Sp • Special Course Fee Required; Special Course Fee Varies by Section • P: KINS 274 and 294. KINS 204 for athletic training majors. Must be taken with KINS 275.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2

A lab course designed to develop an understanding and proficiency in taping and wrapping techniques, and the fitting and use of protective sports equipment in the prevention and care of athletic injuries.

KINS 280 Acute Care of Athletic Injuries/Illness

3 crs. • Sp • Special Course Fee Required • P: Limited to admitted athletic training majors.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

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.

KINS 284 Palpatory Anatomy in Kinesiology

1 cr. • F, Wi, Sp • A-F Grades Only • P: KINS 294 or concurrently.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2

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.

KINS 290 Introduction to Physical Education

3 crs. • F • P: Limited to kinesiology teaching and sport pedagogy majors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Introduction to physical education including understanding the teaching/learning process, effective teaching skills, and context and reflection.

KINS 292 Management and Coaching Theory

2 crs. • Sp

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• 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.

KINS 293 Water Safety Instructor Certification

1 cr. • Sp • Special Course Fee Required • Department Consent Required

Lecture/Discussion Hours: .5 | Lab/Studio Hours: 1.0

• Purchase of course materials will be required for this course. American Red Cross Level IV or KINS 148 is recommended prior to enrollment in this course.

Covers all American Red Cross (ARC) basic swimming skills and teaching techniques used to present these skills to students. ARC Water Safety Instructors certification awarded upon completion of ARC standards.

KINS 294 Anatomical Kinesiology

3 crs. • F, Sp

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

KINS 296 Lifeguard Training

1 cr. • Sp • Special Course Fee Required; Special Course Fee Varies by Section • A-F Grades Only • Instructor Consent Required

Lecture/Discussion Hours: .5 | Lab/Studio Hours: 1.0

The course prepares candidates to recognize and respond quickly and effectively to emergencies, and prevent drownings and injuries. Students are eligible for American Red Cross certification for Lifeguard training, FirstAid/CPR and AED for professional rescuer.

KINS 300 Planning, Implementation, and Assessment: Invasion Games

3 crs. • F • P: KINS 290. Limited to kinesiology teaching and sport pedagogy majors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Prospective physical education teachers enrolled in this course will design comprehensive and coherent units of instruction utilizing a combination of instructional models including but not limited to sport education, peer teaching, and tactical games models.

KINS 301 Planning, Implementation, and Assessment: Adventure Activities

3 crs. • Sp • Special Course Fee Required • P: KINS 290

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Observation and participation in selected adventure activities led by master teachers; lesson planning and peer teaching.

KINS 302 Planning, Implementation, and Assessment: Rhythms and Dance

3 crs. • Sp • P: KINS 290. Limited to kinesiology teaching and sport pedagogy majors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

In this theory and activity course students will develop the skills required to teach and lead rhythmic and dance related movements, activities, and games for school aged children.

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KINS 303 Planning, Implementation, and Assessment: Fitness Concepts

3 crs. • F • SL-Half • P: KINS 290. Limited to kinesiology teaching and sport pedagogy majors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

KINS 304 Biomechanical Kinesiology

3 crs. • F, Sp • P: Grade of C or above in KINS 294, and PHYS 100 or 211. Minimum total GPA of 2.35.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

The relationship of motion, kinematics, kinetics, and fluid mechanics to human movement.

KINS 305 Planning, Implementation, and Assessment: Net, Wall, Field, Run, Score, and Target Activities

3 crs. • Sp • P: KINS 290. Limited to kinesiology teaching and sport pedagogy majors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Prospective physical education teachers completing this course will acquire the dispositions, knowledge, and performance competencies to teach children and adolescents net, wall, field, run, score, and target activities in physical education.

KINS 308 Exercise Physiology

3 crs. • F, Sp • Special Course Fee Required • P: Grade of C or above in KINS 294. Minimum total GPA of 2.35.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

The physiological basis of human movement and the functional changes in body systems as a result of exercise.

KINS 309 Introduction to Human Performance

3 crs. • F, Sp • Special Course Fee Required • P: Completion of or concurrent enrollment in KINS 304 and 308. Minimum resident and total GPA of 2.75. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 2.75 GPA required in major degree program.

Introduction to the foundational concepts associated with physical activity, fitness, and health that underlie the advanced study of exercise prescription and programming.

KINS 310 Therapeutic Modalities in Athletic Training

3 crs. • F • P: KINS 280 or consent of instructor. Limited to athletic training majors. Minimum sophomore standing. Must be taken with KINS 315.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

A theory course designed to develop an understanding and competency in the use of therapeutic modalities in the care of athletic injuries.

KINS 312/512 Psychology of Sport and Physical Activity

3 crs. • F, Wi, Sp, Su • P: Minimum total and resident GPA of 2.75.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

KINS 313/513 Sociology of Sport and Physical Activity

3 crs. • F, Sp • CD1 • P: Minimum total and resident GPA of 2.75.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Introduction to the social influences on sport and physical activity as well as the influence sport has on society.

KINS 315 Athletic Training Lab and Practicum I

1 cr. • F • Special Course Fee Required • P: KINS 277, 280, and 375. Limited to admitted athletic training majors.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2

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.

KINS 316 Athletic Training Lab and Practicum II

1 cr. • Sp • P: KINS 310, 315, and 376. Limited to admitted athletic training majors. Must be taken with KINS 330.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2

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.

KINS 327 Movement Education for Elementary Grades

3 crs. • Sp • P: KINS 290. Limited to kinesiology teaching and sport pedagogy majors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A theory and methods course in elementary physical education teaching. Prospective teachers completing this course will acquire the dispositions, knowledge, and performance competencies to teach children in K-5 physical education.

KINS 328 Elementary Physical Education Lab

2 crs. • Sp • SL-Full • P: KINS 327

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

• Must be certified in First Aid and CPR.

Experience for physical education students supervised by faculty members to facilitate teaching and learning in a lab setting. Students enhance their ability to teach movement concepts, skill themes, and plan appropriate lessons.

KINS 330 Therapeutic Exercise in Athletic Training

3 crs. • Sp • P: KINS 310. Limited to admitted athletic training majors.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

A theory course designed to develop an understanding of the use of therapeutic exercise and the development of rehabilitation programs for athletic injuries.

KINS 335/535 Introduction to School Health Education and Current Health Issues

3 crs. • Sp • W

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

KINS 336/536 Strategies and Assessment in School Health Education

3 crs. • F • P: KINS 335/KINS 535

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

This course will focus on using experiential learning techniques and developing authentic assessments to be used in school health education classes.

KINS 337/537 Health Education Curriculum Design

3 crs. • Sp • P: KINS 336/536

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

KINS 346/546 Athletic Training Apprenticeship

1-3 crs. • F, Wi, Sp, Su • May be repeated for a maximum of 6 credits • P: KINS 204 or consent of instructor. • 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.

KINS 347/547 Coaching Apprenticeship

1-3 crs. • F, Wi, Sp, Su • May be repeated for a maximum of 6 credits • P: KINS 292 or consent of instructor. • 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.

KINS 348/548 Human Performance Apprenticeship

1-3 crs. • F, Wi, Sp, Su • May be repeated for a maximum of 6 credits • P: KINS 309 or consent of instructor. • Instructor Consent Required

Experience for qualified students, selected and supervised by faculty members, to facilitate teaching and learning in a human performance setting. Students enhance their knowledge and their ability to communicate that knowledge to other students.

KINS 350/550 Apprentice in Teaching Physical Education

1-3 crs. • F, Wi, Sp, Su • May be repeated for a maximum of 6 credits • P: KINS 290 or consent of instructor. • 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.

KINS 355 Human Performance Lab Assessment

3 crs. • F, Sp • Special Course Fee Required • P: KINS 304, 308, and 309. Limited to admitted human performance majors.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

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.

KINS 357/557 Essentials of Strength and Conditioning

3 crs. • F, Sp • *Special Course Fee Required* • P: Minimum resident and total GPA of 2.75. KINS 304 and 308.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

KINS 358 Health Fitness Instruction

3 crs. • F, Sp • P: KINS 355 or concurrent enrollment. Limited to admitted human performance majors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

This course provides students with the theoretical knowledge and practical skills required of the entry-level exercise specialist.

KINS 361 Physical Education and Health Education for Teachers of Grades K-8

3 crs. • F, Sp • W • P: Admission to SPED program or ES pre-program required, and CI 203, or SPED 210, or SPED 306.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Provides prospective K-8 teachers with theory, practicum, and technique of elementary/middle physical and health education.

KINS 375 Evaluation Techniques-Lower Body

3 crs. • Sp • P: KINS 277 or consent of instructor. Limited to athletic training majors.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

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.

KINS 376 Evaluation Techniques-Upper Body

3 crs. • F • P: KINS 375. Limited to admitted athletic training majors.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

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.

KINS 391/591 Special Topics

1-3 crs. • V • P: Limited to kinesiology or athletic training majors, or consent of instructor.

Special topic in kinesiology.

KINS 415 Athletic Training Lab and Practicum III

1 cr. • F • *Special Course Fee Required* • P: KINS 316 and 330. Limited to admitted athletic training majors.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2

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.

KINS 416 Athletic Training Lab and Practicum IV

1 cr. • Sp • SL-Full • P: KINS 415 and 430. Limited to admitted athletic training majors.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2

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.

KINS 417 Soft Tissue Manipulation

1 cr. • F, Sp • A-F Grades Only • P: BIOL 314 or equivalent; KINS 415 or concurrently; and limited to admitted athletic training majors.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 1

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.

KINS 420 Medical Aspects of Athletic Training

3 crs. • V • P: KINS 280. Limited to admitted athletic training majors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A theory course that examines various medical specialties, surgical techniques, and clinical evaluations and treatments of athletic-related injuries and illnesses.

KINS 426 Motor Development Across the Lifespan

3 crs. • F, Sp • P: Grade of C or above in KINS 294, KINS 304, and KINS 308 for KINS majors and minors. Limited to KINS majors and minors. Other majors/minors by consent of instructor. Minimum total GPA of 2.35.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

KINS 430 Administration and Organization in Athletic Training

3 crs. • V • P: KINS 315. Limited to admitted athletic training majors. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

A theory course that reviews the administrative and organizational concepts in the profession of athletic training.

KINS 440 Human Performance Seminar

3 crs. • F, Sp • P: KINS 309, 355, 358, 464, 498, or consent of instructor. Limited to human performance majors. Must be taken with KINS 474.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

KINS 445/645 Basic Electrocardiography

3 crs. • Wi • P: BIOL 151 or 214; KINS 308; or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

KINS 450/650 Applied Nutrition in Kinesiology

3 crs. • Sp, Su • P: BIOL 151 or BIOL 214, or other equivalent course.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

KINS 460/660 Psychosocial Aspects of Injury and Illness

3 crs. • V • P: PSYC 100; BIOL 151 or 214. Minimum junior standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

KINS 464 Programming in Gerontology and Special Populations

3 crs. • F, Sp • P: KINS 309, 355, and 358 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

The interaction of aging and special conditions (disease/accident/genetic) with exercise testing and programming.

KINS 466 Community Fitness Programming

2 crs. • F, Sp • SL-Full; *Special Course Fee Required* • P: KINS 464 or concurrent enrollment.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 6

Prescribing and leading exercise in the early morning fitness program which includes community members with a wide variety of physical capabilities.

KINS 474 Research Methods in Kinesiology

3 crs. • F, Sp • P: MATH 246. Limited to kinesiology and athletic training majors, or KINS 316 for athletic training majors. Minimum total GPA of 2.75.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

KINS 476 Senior Seminar

3 crs. • F, Sp • CP • No S/U Grade Option • P: Minimum 2.75 total GPA. Limited to movement studies and sport pedagogy majors and kinesiology minors in their last semester before graduation. • *Department Consent Required*

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Limited to movement studies and sport pedagogy majors and kinesiology minors in their last semester before graduation.

This is the capstone experience for students in movement studies and sport pedagogy as well as kinesiology minors. Students will develop a portfolio, lead and participate in professional discussions and present a project.

KINS 484 Adapted Physical Education

3 crs. • F • SL-Full • P: KINS 290

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

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).

KINS 487/687 Assessment in Adapted Physical Education

3 crs. • Sp • P: KINS 484, SPED 200

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

A theory and lab course examining the appropriate assessment tools and procedures for special populations in physical education.

KINESIOLOGY

KINS 491 Practicum in Exercise Management

9 crs. • V • SL-Full; Special Course Fee Required • Department Consent Required
 • Admission to professional semester.
 A lab course applying administrative and leadership skills in a full-time exercise work environment.

KINS 492/692 Coaching Practicum and Seminar

4 crs. • F • SL-Full; CP; Special Course Fee Required • P: KINS 292. Minimum senior standing. • Department Consent Required
 Seminar Hours: 2 | Practicum Hours: 4
 A capstone experience where the student develops a coaching portfolio. Seminar focuses on special topics in sport. Field experience of a minimum of 60 hours will apply teaching, administrative, and management skills in coaching.

KINS 493/693 Practicum in Special Physical Education

3 crs. • F, Sp • SL-Full; Special Course Fee Required • P: SPED 210 or 306; KINS 484, 487 or concurrent enrollment in KINS 487. • Department Consent Required
 Lecture/Discussion Hours: 0 | Lab/Studio Hours: 3
 A lab course applying principles of programming and assessment in the special physical education environment.

KINS 494 Practicum in Exercise Science

9 crs. • V • SL-Full; Special Course Fee Required • A-F Grades Only • P: Minimum resident and total GPA of 2.50. • Department Consent Required
 • Admission to professional semester.
 A laboratory course applying administrative and leadership skills in a full-time exercise work environment.

KINS 495/695 Directed Studies in Physical Education

1-3 crs. • F, Sp, Su • May be repeated • Department Consent Required
 Group study, under the immediate direction of a physical education faculty member, of a defined problem not covered in existing courses.

KINS 496 Capstone-Teaching Physical Education

1 cr. • F • CP • Instructor Consent Required
 Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0
 Students will integrate and apply their knowledge, skills, and dispositions to case studies and issues in physical education teaching.

KINS 498 Human Performance Internship

6 crs. • F, Sp, Su • SL-Full; IN • S/U Only Grade Basis • P: KINS 309, 355, 358. Limited to human performance majors. • 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.

KINS 499 Independent Study

1-3 crs. • F, Sp, Su • May be repeated • P: Minimum resident and total GPA of 3.00. Minimum junior standing. • Department Consent Required
 Individual research project under the direction of a faculty member.



Social Work

HUMAN SCIENCES AND SERVICES 253
 (715) 836-4435
www.uwec.edu/sw/index.htm

VANDA GALEN, CHAIR

LEAH OLSON-MCBRIDE, DONALD MOWRY, OTRUDE MOYO, LISA QUINN-LEE, JACK WAGENKNECHT, JEFFREY WRIGHT

The mission of the baccalaureate social work program at the University of Wisconsin-Eau Claire is to prepare students for competent, effective, practice-informed, and evidence-based ethical generalist practice. Graduates will be educated to become leaders committed to diversity, social and economic justice, and the enrichment of the quality of life with systems of all sizes. The goals of the Social Work Program are (1) to prepare entry-level generalist social workers for practice within the context of professional values and ethics in public and private social service agencies, especially in those services which meet the needs of oppressed and at-risk individuals, families, groups, organizations, and communities; (2) to prepare students to integrate scholarship into practice through an evidence-based process; (3) to prepare students for and instill in them a commitment to continuing or graduate education and lifelong learning; and (4) to prepare students for practice with diverse populations and for effective participation in community affairs in a diverse society through promotion of social and economic justice.

The bachelor's degree in social work (B.S.W.) is accredited by the Council on Social Work Education. Graduates of the program are eligible for examination for certification or licensure at the baccalaureate level. Graduates receive advanced standing in Master of Social Work (MSW) programs.

Honor Societies and Student Organizations:

As members of the university community, social work students have an opportunity to participate in many student organizations, including the Association of Student Social Workers (ASSW). In addition to providing important chances for identification and socialization with the profession of social work, ASSW selects student representatives to participate actively in faculty committees. Other professional organizations open to students are the Council on Social Work Education, the National Association of Social Workers, and the Wisconsin Social Service Association. The Eta Upsilon Chapter of Phi Alpha, a National Social Work Honor Society, offers recognition for scholarship to eligible upper-class members who maintain total GPAs of 3.00 or higher on a 4.00 scale and have achieved a 3.25 or higher average in required Social Work classes. Visit the department office for further information.

COMPREHENSIVE MAJOR: SOCIAL WORK, Liberal Arts (Code 460-051)

Seventy-four semester credits, including:

I. Core Courses in Social Work		<u>Credits</u>
Idis 100	Introduction to Social Work	3
SW 220	Interpersonal Skills	3
290	Human Rights and Global Justice	3
320	Generalist Social Work Practice with Individuals	3
323	Methods of Social Work Research	3
335	Human Behavior and Social Environment	3
383	Social Welfare Policies and Programs	3
405	Ethnic-Sensitive Social Work Practice	3
471	Generalist Social Work Practice with Groups/Families	3
472	Generalist Social Work Practice with Communities/Organizations	3
481	Social Work Internship, <i>or</i>	
482	Social Work Internship International	<u>12</u>
		42

II. Other Required Courses (to be used in partial fulfillment of General Education requirements)

GE-IB—Analytical Skills:

Math 246 (review prerequisites) 4

NOTE: Students who have taken Math 104 or higher or have met the Math Competency may take Psyc 265 instead of Math 246 but must take a statistics course.

GE-II—Natural Sciences:

Biol 151 Biology of Humans 4

GE-III—Social Sciences:

Econ 103 and 104 Principles of Micro/Macroeconomics *or* 6

Econ 201 Introduction to Political Economy 3

Pols 110 American National Politics 3

Pols 301 State and Local Politics 3

Psyc 100 General Psychology 3

Psyc 230 Human Development 3

Soc 101 Introduction to Sociology 3

GE-IV—Humanities:

At least six credits from the following:

AIS 102

ArtH/AIS 324, 335

Engl 268

Engl/AIS 142, 242, 345, 346

Engl/Wmns 296, 332, 396

Hist 210, 344

Hist/AIS 240, 368, 369

Hist/Wmns 394, 373, 378

Hums 110, 210

Musi/Wmns 306

Phil/Wmns 377

Rels/AIS 330

Rels/Wmns 203, 353

Span/LAS 352

Wmns 100, 301

Other courses may apply. Students should consult an adviser to determine applicability of courses being considered. 32-35

NOTE 1: Social Work majors will still be required to complete their Service-Learning Requirement prior to application for admission to the program.

Some social work positions require fluency in a foreign language, and students are encouraged to consider a minor in Spanish.

Satisfactory/Unsatisfactory Policy. No degree credit may be earned under the Satisfactory/Unsatisfactory option in IDIS 100 or any Social Work Department course numbered 200 or higher which is required for the major.

Students must meet all course prerequisites.

CERTIFICATE PROGRAMS

The Social Work Program offers social work majors two certificates within the program, the **Social Work—Child Welfare Certificate** and the **Social Work—Gerontology Certificate**. These certificates require a concentration of courses and learning experiences (e.g., workshops, conferences) and a portfolio of academic products related to the certificate, meeting the standards for the certificate as defined by the University and the Department of Social Work. A notation of the certificate will appear on the student’s official transcript. Only social work majors who will have completed the B.S.W. degree and have met requirements for the certificate will be awarded the certificate.

Requirements:

1. An approved learning contract which incorporates a plan to meet all of the requirements below must be drawn up by the student and the academic adviser and placed in the student’s file in the Department of Social Work.
2. The student must complete, at a grade level of B- or above, the required Social Work course within the selected certificate program and

three other electives from the list of electives for the certificate program (see the following).

3. The student must attend at least one external workshop or one conference (two- or three-day), in the area of the certificate, and provide documentation of attendance.
4. The student’s internship placement must be in the field of the certificate.
5. The student must create and maintain a portfolio which documents the completion of the basic requirements for the certificate outlined above, plus:
 - a. at least one research paper from one of the following courses, on the topic of the certificate: SW 290, 323, 383, 472;
 - b. internship documentation which verifies that the student’s internship is in the area of the certificate program;
 - c. copies of documents related to the certificate, e.g., statutes, regulations, etc., indicating the student’s knowledge of policy and procedure;
 - d. evidence of membership in a professional association in the area of the certificate.
6. Upon completion of the B.S.W. degree and the requirements for the certificate, the student must submit to the department a verification of completion of all items on the checklist, signed by the student’s academic adviser. The Department will then notify the Registrar that the student has completed all requirements.

Social Work – Child Welfare Certificate

Required Courses:

SW 385 Child Welfare

Electives:

SW 395 Directed Study: Child Welfare II

CRMJ 302 Youth Crime and Juvenile Justice

Hist 370 History of the Family America

Psyc 331 Child Psychology

Psyc 332 Adolescent Psychology

Psyc 334 Psychology of the Exceptional Child

Soc 316 Sociology of the Family

Sped 200 Introduction to Diverse Learners

Sped 465 Child Abuse and Neglect – Educational Implications

Other courses as approved by the student’s adviser and department chair. All certificate courses must be completed with a C (or S) r better.

Social Work – Gerontology Certificate

Required Courses:

SW 315 Aging and the Aged

Electives:

Biol 196 Human Nutrition

CSD 410 Communication Changes and Disorders of the Older Adult

SW/Nrsg 360 Death and Bereavement

Psyc 333 Psychology of Adulthood and Aging

Soc 364 Social Gerontology

Other electives from list in the gerontology minor

CAREGIVER LAW

All individuals involved in experiential education courses for credit in the Social Work Department must complete the background check process and are responsible for the associated processing fees. Students must complete these forms at registration or the beginning of the course or show evidence of a recently completed (within one year) criminal history report. This applies to the following courses: SW 315 and 395 (Building Bridges section). Fees for criminal background checks are attached to SW 471 to assure that students entering internship (SW 481) have met this requirement.

Students are also advised that past or future serious crimes that are substantially related to the duties of the position may limit or inhibit

SOCIAL WORK

the student from securing service-learning opportunities, or internship placements, or both. In addition, the student may become ineligible to receive certification as a social worker in the state of Wisconsin.

ADMISSION TO THE SOCIAL WORK PROGRAM

The Social Work Program operates under a selective admissions policy. The policy is based on the need to maintain a program of excellence in the classroom and to assure availability of quality internship placements. The Department of Social Work reserves the right to admit a limited number of students each semester. Meeting the minimum standards does not guarantee a student will be admitted to the major.

Social Work is a professional discipline on the baccalaureate level, and, thus, admissions and retention processes are implemented and strictly followed. Students are evaluated on a regular basis. Students interested in earning a Bachelor of Social Work Degree must first be admitted to the Social Work major. Enrollment in selected upper division social work courses is restricted to students who have been formally admitted to the major. This formal application to the major is the first step in meeting requirements for graduation with a B.S.W. degree. A second review of continued eligibility occurs with application for admission to internship (SW 481). Students with any concerns regarding eligibility are urged to consult their academic adviser. Students will be asked to sign a statement that they have read and agreed to abide by the National Association of Social Workers' *Code of Ethics*. Students may appeal a denial of admission to the major or internship by following procedures outlined in the Social Work Student Handbook or the Social Work Internship Manual, as applicable.

Application Process and Procedures

1. Students seeking admission are required to complete an application form available from the department office. At the point of admission:
 - a. Students must have accumulated 60 credits.
 - b. The university service learning requirement must have been completed.
 - c. A minimum GPA of 2.5 is required in the following courses: Idis 100, SW 220, 290, Psyc 100, 230, Biol 151, Soc 101, and Pols 110. Each course must be completed with a grade of C or above.
 - d. A minimum total GPA of 2.5 is required, which includes courses transferred from other colleges and universities.
 - e. Additionally:
 - i. Students will have demonstrated acceptable skill in writing and speaking.
 - ii. Students will show knowledge of social work and a commitment to social work values.
 - iii. Achievement of the above criteria (i and ii) will be demonstrated through submission of a required essay demonstrating motivation and potential as a student and a future social work professional and through class participation in the courses.
2. Students must be in good academic standing in the semester in which they apply.
3. Any student who withdraws from the social work major at UW-Eau Claire or who does not take classes at UW-Eau Claire for two or more sequential semesters must reapply for admission into the program.
4. Application materials must be submitted by 4:30 p.m. on the Friday of the second week of classes of the semester prior to admission.
5. A completed application will contain: (1) the Social Work Admissions Application, (2) the one-page essay, and (3) one copy of the most recent UW-Eau Claire degree audit.
6. Students may repeat a grade below C in Idis 100 and/or SW 220 and/or SW 290 according to University guidelines. Repeat of course(s) must be completed (not current) for any such courses before application for admission will be processed.

ADMISSION TO SOCIAL WORK INTERNSHIP

Applying for Admission to the Internship: Students planning to enroll in SW 481 or 482 in the summer, fall, or spring must apply no later than February 1 of the year of internship for summer and fall enrollment or February 1 of the year **preceding** internship for spring enrollment. Applications for admission to Social Work Internship are available in the department office after December 1. Notification of internship orientation meetings will be posted in the Social Work department office and announced in Social Work classes.

Criteria for admission into Internship: The Social Work Internship Committee will determine eligibility for internships on the basis of the following criteria. A student must have (1) obtained an adviser from the Department of Social Work; (2) completed Idis 100; SW 220, 290, 320, 323, 335, 383, 405, and 471 with a grade of C or above. This includes courses that are transferred in as equivalent to any of these courses; (3) earned a minimum GPA of 2.50 in Idis 100 and all courses with an SW prefix; (4) earned a total GPA of 2.50; (5) completed a criminal background application in SW 471 or another course within one year of the planned internship which typically take place between March 15 and April 15 of the spring semester; and (6) (a) participated in the Internship Orientation Sessions prior to registration; (b) been accepted by a social agency approved for field instruction by the Department of Social Work; (c) provided for transportation; SW 472 must be completed or taken concurrently with the first semester of Internship.

GRADUATION REQUIREMENTS

To graduate with the Bachelor of Social Work (B.S.W.) degree, students must have (1) a GPA of 2.50 in Idis 100 and in all courses with the SW prefix; (2) achieved completion of Idis 100 and all required SW courses, including transfer courses, with a grade of C or above; (3) demonstrated competencies suitable for the profession; and (4) completed all program requirements.

APPEALS

A student whose GPA in Social Work courses is less than 2.50 is ineligible to register in SW 481 but may enroll in other Social Work classes while attempting to improve the GPA. A student who does not meet requirements for enrollment in SW 481 may appeal for permission to participate in the Internship Orientation Sessions and/or placement in a social agency. This appeal must be discussed with the student's Social Work adviser prior to submission to the Social Work Internship Committee.

Appeals of denial of an application for admission to internship or for removal from the internship must follow policies and procedures as published in the most recent edition of the Social Work Student Handbook.

DEPARTMENTAL HONORS PROGRAM

Eligibility: Acceptance into the program is limited to upper-class majors with resident and total GPAs of 3.50 or higher, an average of 3.50 or higher in Social Work courses, and the consent of the department.

Requirements: Completion of at least six credits in a Seminar and/or Independent Study; completion of an honors examination demonstrating superior performance in Social Work research, Social Work methodology, and an area of the student's choice; and graduation with a total GPA of 3.50 or higher and a GPA of 3.50 or higher in Social Work pre-fixed courses.

SW

SW 220 Interpersonal Skills

3 crs. • F, Sp • No Auditors • P: IDIS 100. Limited to pre-social work majors. • Department Consent Required

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

SW 290 Human Rights and Global Justice

3 crs. • F, Sp • SL-Full; Field Trip(s) Required • A-F Grades Only • P: IDIS 100
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 1
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.

SW 291 Special Topics

1-3 crs. • V
Issues of current interest in the field of social work.

SW 309 Community-based Corrections

3 crs. • V • Special Course Fee Required
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Social work in prevention and treatment of crime and delinquency. Traditional and emerging community-based programs considered.

SW 315 Aging and the Aged

3 crs. • F • SL-Full; Special Course Fee Required
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• Criminal background check required.
The process of aging, its problems, effects on society, needs of the aged, and social services to the aged. The 30-hour service-learning requirement is in addition to other class assignments.

SW 320 Generalist Social Work Practice with Individuals

3 crs. • F, Sp • No Auditors • P: SW 335. Admission to Social Work program required.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2
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.

SW 323 Methods of Social Work Research

3 crs. • F, Sp • P: IDIS 100, SW 285 or SW 290, PSYC 265 or MATH 246. Admission to social work program required.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Critical reading, evaluation of practice, and conducting basic social work research.

SW 335 Human Behavior and the Social Environment

3 crs. • F, Sp • P: IDIS 100; SW 220, SW 285 or SW 290; PSYC 100, PSYC 230; SOC 101; BIOL 151. Limited to social work majors. • Department Consent Required
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.

SW 360/560 Death and Bereavement

3 crs. • V • W; GE-V; Field Trip(s) Required • P: SOC 101 or PSYC 100 or consent of instructor. Minimum sophomore standing.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• Credit may not be earned in both SW 360/560 and NRS 360/560. No credit if taken after SOC 318, PSYC 339 or SW 350.
Through the study of current theory and research, this interdisciplinary course is designed to facilitate student understanding of death and bereavement from a life span, family, and cultural perspective.

SW 383 Social Welfare Policies and Programs

3 crs. • F, Sp • P: IDIS 100, SW 285 or SW 290, POLS 301; ECON 201, or ECON 103 and ECON 104, or consent of instructor. Admission to social work program required.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.

SW 385 Child Welfare

3 crs. • F, Sp
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Service systems for dependent, neglected, abused, or delinquent children.

SW 395 Directed Studies

1-3 crs. • F, Sp, Su • May be repeated for a maximum of 6 credits • No Auditors • Department Consent Required
• A maximum of nine credits earned in Directed Studies, Independent Studies and Instructional Assistant may count toward the major. Section 010 — Building Bridges — special course fee required for criminal background check.
Social work study approved by supervising instructor and department chair.

SW 399 Independent Study - Juniors

1-3 crs. • V • May be repeated for a maximum of 6 credits • No Auditors • P: Limited to social work majors. Minimum resident and total GPA of 3.00. • 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.

SW 402 Instructional Assistant in Social Work

1-3 crs. • F, Sp • May be repeated for a maximum of 6 credits • Department Consent Required
• Completion of the course in which assisting with a minimum grade of B, admission to the social work major, a 3.00 or higher GPA in social work prefix courses, approval of faculty instructional assistant supervisor and department chair. A maximum of nine credits earned in Directed Studies, Independent Studies and Instructional Assistant may count toward the major.
Qualified students, selected and supervised by faculty members, facilitate teaching and learning in a specific course. Instructional assistants enhance their knowledge of social work, and their ability to communicate that knowledge and facilitate group process.

SW 405/605 Ethnic-Sensitive Social Work Practice

3 crs. • F, Sp • CD3 • P: SW 320. Admission to social work program required.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Understanding different minority groups of color with special focus on social services, programs, and ethnic-sensitive practice issues.

SW 424/624 Alcohol and Other Drug Abuse

3 crs. • V • W
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Diagnosis, causal theories, current treatment methods, prognosis, and prevention related to the field of alcohol and other drug abuse.

SW 471 Generalist Social Work Practice with Families/Groups

3 crs. • F, Sp • Special Course Fee Required • P: SW 320. Admission to social work program required.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2
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.

SW 472 Generalist Social Work Practice with Communities/Organizations

3 crs. • F, Sp • P: SW 323 and 471. Admission to social work program required.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
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.

SW 481 Social Work Internship

6-12 crs. • F, Sp, Su • SL-Full; IN • May be repeated for a maximum of 12 credits • Department Consent Required
• Course may be taken for 6 or 12 credits (six credit maximum during the summer). Six credit sections must be sequential. Acceptance as specified under criteria for admission into the internship (see internship admission requirements), criminal background check required. Transportation required at some placements.
Placement in social welfare agency for professional social work practice experience for one or two semesters. This course is the capstone experience wherein students integrate and apply learning to the work setting.

SW 482 Social Work Internship - International

12 crs. • F • SL-Full; CP; Special Course Fee Required; IN • P: SW 323, 383, 405, and 471, and SW GPA of 2.50 or higher. • 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.

SW 491/691 Special Topics

1-3 crs. • V • May be repeated
Lecture/Discussion Hours: 1-3 | Lab/Studio Hours: 0
Selected social work issues of current interest that affect practice.

SW 499 Independent Study - Seniors

1-3 crs. • V • May be repeated for a maximum of 6 credits • P: Limited to social work majors. Minimum resident and total GPA of 3.00. • 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.

College of Nursing and Health Sciences

LINDA K. YOUNG, DEAN AND EDUCATIONAL ADMINISTRATOR (NURSING 103)

DEBRA JANSEN, INTERIM ASSOCIATE DEAN (NURSING 215/103)

TBD, ASSISTANT DEAN FOR EVALUATION AND STRATEGIC INITIATIVES

ROBIN BEEMAN, ASSISTANT DEAN, MARSHFIELD SITE

MARY ZWYGART-STAUFFACHER, GRADUATE NURSING PROGRAMS DIRECTOR (NURSING 230)

LORRAINE SMITH, ASSISTANT TO THE DEAN: BSN COMPLETION PROGRAM STUDENT SERVICES COORDINATOR AND THE STATEWIDE BSN @ HOME PROGRAM DIRECTOR (NURSING 127)

LOIS SLATTERY, SENIOR MEDIA & TECHNOLOGY SPECIALIST (NURSING 154)

JULIA LEHMAN CALDWELL, MEDIA SPECIALIST/LEARNING RESOURCES COORDINATOR (NURSING 154)

NITA JOHNSON, CLINICAL SIMULATION AND SKILLS LABORATORY COORDINATOR (NURSING 233)

MARCIA ST. GERMAINE, STUDENT SERVICES COORDINATOR: PRE-LICENSURE PROGRAMS (NURSING 127)

Departments:

NURSING

ROSEMARY JADACK, CHAIR (NURSING 207)

NORAH AIRTH-KINDREE, TIFFANY ANKENY, JOSEPHINE ARRIOLA, ROBIN BEEMAN, CATHERINE BERRY, MELISSA BOELLAARD, CHERYL BRANDT, GAIL HANSON BRENNER, THERESA BUCKLEY, MARY CANALES, BARBARA DAVIS, RUTH DIESTELMEIER, CARA GALLEGOS, KATHERINE GERMAN-OLSON, ELYSIA GOETTL, JANE HAUGER, RACHAEL HAAPT-HARRINGTON, DEBRA JANSEN, LEE-ELLEN KIRKHORN, CATHERINE KROMRIE, EVALEE KUNKEL, CHERYL LAPP, GUNNAR LARSON, VICTORIA LIESKE, DIANE MARCYJANIK, DEBBIE MARTIN, RACHEL MERKEL, SUSAN MOCH, SUSAN PECK, SHELLEY-RAE PEHLER, DONNA ROZAR, LISA SCHILLER, BONNIE SOLEM, CHARLOTTE SORTEDAHL, RITA SPERSTAD, ANGELA STOMBAUGH, ARIN VAN WORMER, SUZANNE VOROS, MELISSA WEISE, LINDA YOUNG, MARY ZWYGART-STAUFFACHER.

PUBLIC HEALTH PROFESSIONS

CHRISTINE GABEL, CRISPIN PIERCE.

Mission Statement of the College of Nursing and Health Sciences

The College of Nursing and Health Sciences provides undergraduate and graduate programs for Nursing and Public Health Professions. Building on a foundation of excellence, the College prepares liberally educated individuals for professional practice. Creative educational experiences, scholarship, and service to our communities enhance the personal and professional growth of students and faculty and promote life-long learning. As a College, we value a caring spirit, ethical practice, and advocacy for policies and actions that contribute to the improvement of the human condition.

Mission Statement of the Nursing Program

The purpose of the University of Wisconsin-Eau Claire Department of Nursing is to provide a scholarly environment in which faculty and students gain and extend knowledge of health, health care, and professional nursing. Nursing offers on-campus and distance baccalaureate, graduate, and continuing education for the practice of professional nursing.

The select mission of Nursing is to:

1. Educate nurses to lead within diverse, complex environments
2. Promote health and the public good through ethical leadership, collaboration, and practice
3. Contribute to knowledge development for health and nursing
4. Serve the broader missions of the College and University

Accreditation

The nursing programs are approved by the Wisconsin State Board

of Nursing. The baccalaureate and master's programs are accredited by the Commission on Collegiate Nursing Education (CCNE), One Dupont Circle, NW, Suite 530, Washington, DC 20036, (202) 887-6791, through December 31, 2021. The Doctor of Nursing Practice (DNP) program is accredited by CCNE through December 31, 2016. The College of Nursing and Health Sciences has approval by the Wisconsin Department of Public Instruction to offer to senior students in the nursing program, and to registered nurses with a B.S.N. degree, courses that qualify them for certification as school nurses.

Baccalaureate Program

The nursing programs are oriented toward the belief that a broad general education is an essential foundation for the preparation of professionals. Through the biological and social sciences, the humanities, and the nursing science courses, the concepts of humanity, health, environment, and nursing are interwoven in a curriculum that clinically addresses nursing across the lifespan of health-care recipients.

Marshfield Site

In addition to the Eau Claire campus, the nursing program of study is available in Marshfield, Wisconsin in cooperation with Ministry Saint Joseph's Hospital. Persons interested in further information about the Marshfield site should contact the Dean of the College of Nursing and Health Sciences or the Marshfield site coordinator.

Program/Student Learning Outcomes

Students graduating from UW-Eau Claire with the Bachelor of Science in Nursing degree demonstrate accomplishment of the AACN Baccalaureate Essentials* through:

1. Integration of liberal and nursing education, with particular distinction in:
 - leading change in complex health care environments.
2. Organizational and systems leadership for patient safety and quality care, with particular distinction in:
 - developing effective working relationships for quality improvement and optimizing patient care outcomes.
3. Scholarship for evidence-based practice, with particular distinction in:
 - providing leadership in the synthesis and application of evidence with integration into changing standards of care.
4. Information management and application of patient care technology, with particular distinction in:
 - balancing emotional and social intelligence with scientific reasoning in the application of technology to clinical decision making and patient care.
5. Understanding of health care policy, finance and regulatory environments, with particular distinction in:
 - advocacy for individuals, families, and communities.
6. Interprofessional communication and collaboration for improving patient health outcomes, with particular distinction in:
 - delivery of evidence-based, patient-centered care;
 - coordination of care across settings and through the health-illness trajectory.
7. Clinical prevention and population health for optimizing health, with particular distinction in:
 - analysis of population health needs, determinants, and resources, and development of action strategies.
8. Professionalism and professional values, with particular distinction in:
 - ethical practice, social responsibility, a commitment to social justice, and global citizenship;
 - delivery of culturally competent care within diverse settings and/or populations.
9. Beginning competence in baccalaureate generalist nursing practice, with particular distinction in:
 - holistic, relationship-based care incorporating therapeutic use of self;
 - integration of nursing concepts, human responses, and safe and competent nursing care;
 - use of nursing process to effect highest quality health outcomes.

(*The Essentials of Baccalaureate Education for Professional Nursing Practice, AACN 2008)

Admission TO THE UNIVERSITY

All students applying for admission to the University follow the regular procedure. Those who are admitted to the University as pre-nursing students are assigned to nursing faculty for advising.

The College of Nursing and Health Sciences welcomes the opportunity to give guidance in program planning to students in high school who have chosen nursing or are considering it as a career. These students are encouraged to include courses in high school which provide the best foundation for study at the University and in the major field. Recommended are:

English	4 units
Chemistry	1-2 units
Physics	1 unit
Biology	1-2 units
Foreign Language*	2 units
Algebra	2 units
Geometry	1 unit
History	1-2 units
Social Studies	3 units
Speech	1 unit

*Two units of one language, e.g., French, German, Spanish.

TO THE PROFESSIONAL NURSING PROGRAM

Formal application to the professional nursing program must be made. A student must be admitted to UW-Eau Claire as a pre-nursing student before applying to the nursing program. Students are encouraged to apply during the semester in which 30 credits will be completed. The deadlines for filing applications to the College of Nursing and Health Sciences are December 1 and May 1 for the Eau Claire campus; May 1 and December 1 for the Marshfield site. In order to be considered for admission to the nursing program, one must have:

1. been accepted as a pre-nursing student in the University in good standing.
2. completed at least 30 semester credits with a total cumulative GPA of at least 3.00.
3. completed at least three required natural science courses, two of which are laboratory science courses, with a GPA of at least 2.50.
4. earned a grade of C or above in all courses required for nursing.
5. completed all application materials, essay, and submitted a non-refundable application fee.
6. completed health record, CPR certification, and background check at the time of admission to the program.

Note: Evidence of certification as a Nursing Assistant must be submitted prior to registration for NRSG 240 following admission to the Nursing Program.

Other data utilized by the Admissions Committee are derived from a variety of sources that include applications for admission to the University and the nursing program, high school transcript showing rank in class, previous collegiate records, and standardized tests such as ACT or SAT. International, non-native speakers of English applying to an undergraduate nursing program must have a TOEFL score as follows: TOEFL Written >560 (or IELTS score of 6.5); or TOEFL (CBT) >220; or TOEFL (iBT) >83.

The College may find it necessary to deny admission to a qualified applicant because of enrollment limits in the professional program. Depending on the number of qualified applicants, it is likely that the GPA required to be competitive for admission may be well above the 3.00 minimum cumulative GPA.

The Nurse Scholars Program provides conditional admission of students to the nursing program to those who have been invited to enter the Nurse Scholars and University Honors programs (see University Honors). Students eligible for the Nurse Scholars Program are identified at the time of admission to the University. The Nursing Dean's office contacts the students who are eligible for the program. Eligibility is determined by high school class rank and ACT score.

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 in the nursing student handbooks (available www.uwec.edu/conhs). To secure admission acceptance, all health requirements, evidence of CPR certification, background check information, etc. must be submitted, along with the appropriate submission 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. A statement of the physician's findings and recommendations must be filed with the Student Health Service within a period of time designated by the College. Students at the Marshfield site must follow the health requirements of Ministry Saint Joseph's Hospital, Marshfield, to participate in clinical rotations. Students are not permitted to participate in clinical course work unless all immunizations, TB tests, CPR certification, and background checks are current.

All expenses associated with health surveillance and care are borne by the student unless the Student Health Service specifically indicates otherwise. Students are not covered by health or accident insurance by UW-Eau Claire, the practicum facility, or the practicum institution. In addition, workers' compensation insurance does not cover students while engaged in clinical practice. If a student suffers a needle stick or is hurt while in practicum, they will need personal health insurance to cover medical bills.

CPR CERTIFICATION

All applicants must hold Cardiopulmonary Resuscitation (CPR) Certification at the health provider level (American Heart Association level C or American Red Cross Health Care Professional). Evidence of CPR certification must be submitted at the time of admission. Admitted students must keep their certification current.

STUDENT BACKGROUND CHECK REQUIREMENTS

Based on Wisconsin State law, clinical agencies require completed background checks. The College of Nursing and Health Sciences requires applicants to complete the Wisconsin Department of Health and Family Services Background Information Disclosure and a release for a Wisconsin Department of Justice Criminal Background Check. Further information regarding the Wisconsin Caregiver Law can be obtained from DHFS's Web site: www.dhfs.state.wi.us. Additional including out of state background checks may be required by the College and by the clinical agencies.

TRANSFERRING STUDENTS

Any student anticipating transfer to the University for the nursing degree is urged to consult the university Admissions office as early as possible for information about GPA and course requirements for admission and for the degree requirements (see Admission to the Professional Program). Official review of the student's academic record is made by the University Office of Admissions.

Applicants to the professional program who have completed nursing courses in an accredited baccalaureate nursing program at another college or university will be considered on an individual basis. Acceptance will be determined by overall quality of academic record, space availability, and the articulation of courses with those offered by the College of Nursing and Health Sciences.

NURSING

READMISSION TO THE NURSING PROGRAM

Students who withdraw from the program and wish to return for completion must send a letter requesting readmission to the nursing program to the Dean at least three months in advance of the desired readmission date. Applicants must meet the current admission requirements of the nursing program.

Consideration will be given to the length of absence, the student's ability to achieve, and the available spaces in the clinical courses in which the student will enroll. If readmission is granted, the remaining program will be planned as considered best for the student and according to the current curriculum.

Costs

Nursing is a professional discipline, and students enrolled in the nursing program must anticipate some additional costs that are directly related to the nursing program. These include, for example, uniforms, nursing textbooks, health requirements, background checks, application fees, some clinical equipment (e.g., stethoscope), and transportation associated with clinical experiences. Courses in the Accelerated Nursing Program and at the Marshfield Site are charged fees in addition to the typical undergraduate tuition. Contact the coordinators for details.

Counseling and Academic Advising

Faculty in the College of Nursing and Health Sciences serve as academic advisers. Students in nursing are encouraged to make full utilization of services offered by the University. Counseling for educational, vocational, and personal problems is available.

Financial Assistance

Nursing students applying for financial assistance will be considered by the Financial Aid office on the same basis as other University students. Funding specific to nursing students is also available. Application forms for financial assistance are available from the University office of Financial Aid. Information regarding scholarships available to students after admission to the nursing program is available on the College of Nursing and Health Sciences website (www.uwec.edu/conhs/), in the Eau Claire Nursing Learning Resource Center (Room 154), in the Marshfield site coordinator's office, and on the UW-Eau Claire Financial Aid website.

Clinical Experiences

Various health and social agencies and institutions are utilized for student learning experiences. Experiences are provided through facilities such as hospitals, schools, nursing homes, public health agencies, child day-care centers, and other community health agencies. Students are responsible for transportation to and from clinical experiences. Some clinical experiences are in other communities.

Service-Learning

This University requirement is met through required nursing clinical course work.

Organizations and Activities

Membership in the National Student Nurses' Association and the Wisconsin Student Nurses' Association is achieved through joining the Eau Claire Student Nurses' Association. The organization meets regularly to promote the aims of nursing education and provide students experience with respect to the issues and operations of the professional nursing organizations.

Sigma Theta Tau International is the Nursing Honor Society. Membership is by invitation to juniors, seniors, and graduate students who demonstrate outstanding scholarship and leadership potential.

Foreign Language/Foreign Culture Requirement

Refer to page 38 for current requirement.

Cultural Diversity Requirement

All nursing students must satisfactorily complete the equivalent of at least three course credits of content in a course or courses dealing

with one or more of the following groups: African American, American Indian, Hispanic, or Asian American (Southeast Asian). Courses which fulfill this requirement are listed in this catalog (see Cultural Diversity Courses). Advisers will assist students with course selection. Additional content dealing with cultural diversity is infused in nursing courses.

Study Abroad Program

Inta 329/529, Study Abroad: Health Care in Costa Rica, is a program of special interest to students in nursing and other majors with an interest in health care. Nursing students also may be interested in a study abroad experience in Harlaxton, England during the first semester of the senior year.

Academic Regulations

Students who are enrolled in nursing courses are expected to arrange for make-up of all class and laboratory work missed, regardless of the reason for the absence. If the absence is anticipated, arrangements for make-up should be made prior to the absence. Students who have missed an excessive portion of the course may be advised to withdraw.

Scholastic Requirements

Academic Standards

The following scholastic standards must be maintained by students after admission to the nursing program if they are to be considered in good standing:

1. Achieve a semester GPA of at least 2.25;
2. Maintain a resident GPA of at least 2.50;
3. Achieve a grade of at least C in each specific course required by nursing.

If a student fails to meet any of the academic standards, the student is placed on probation in the College. The student who is placed on probation in the College will be officially notified of the change in academic standing and will be required to negotiate a contract designed for regaining good standing with the Dean. Should a grade of less than C in a specific course required by nursing be a factor in the probationary status, the student must repeat that course before earning credit for any course for which the repeated course is a prerequisite. No more than one instance of probation within the program is allowed.

Unsatisfactory Grades in Nursing Courses (Grade of less than C)

Any of the following may result in an unsatisfactory grade in a nursing course:

1. Clearly unsatisfactory achievement in either the theoretical or the practicum component of a nursing course.
2. Failure to submit course assignments or projects.
3. Failure to meet make-up requirements in relation to course work missed.
4. Failure to appear for the final examination, unless prevented by illness or other emergency from taking the examination at the scheduled time.
5. Offenses as defined by the University of Wisconsin Board of Regents in chapter UWS 17 and published in the Student Services and Standards handbook.
6. Failure to comply with attendance policy as stated in writing by the instructor.

Incompletes

A grade of "incomplete" is allowed only when illness or other extenuating circumstances beyond the student's control have interfered with completion of the course, and the plan for completion is a clearly viable alternative for meeting the course objectives. Students may not progress to courses that have a prerequisite course in which a mark of "incomplete" has been received.

Student Progression

1. Students must receive a satisfactory clinical evaluation in each of the critical areas on a summative clinical evaluation of a course. These areas are: a) uses the clinical decision-making process; b) applies theoretical knowledge; c) communicates appropriately; d) performs technical skills safely and competently; e) demonstrates accountability and responsibility.

2. If a student demonstrates deficiencies that the instructor determines are clearly unsafe or unprofessional behaviors, the student will be immediately removed from the clinical situation.
3. Allowing students to do remedial work in a required nursing course is a course faculty decision.
4. Remedial work not completed before the end of a semester will result in the student receiving an incomplete or a failing grade.
5. A student may repeat only two required nursing courses. Only one of these repeated courses may be a clinical course. Failure in or withdrawal from a third nursing course, or a second clinical course, will result in dismissal from the program.

Termination from Program

A student may be terminated from the nursing program for any of the following reasons:

1. Failure to regain good standing.
2. A second instance of probation.
3. Failure to demonstrate the potential for consistently safe and responsible nursing practice.
4. Likelihood that a student’s condition or prior experience will adversely affect the student, other persons, the University, an agency or unit used for clinical practice, or the patients or clients served.

A student who has been notified of termination may appeal for reinstatement. Termination from the program constitutes dismissal from the nursing program only. A student’s status within the University is not affected provided the University standards for good standing are met.

Dean’s List

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

1. be in good academic standing;
2. have a minimum semester GPA of 3.70;
3. have completed at least 12 credits during the semester, with no incompletes, no courses below the 100-level, no repeats, and no Satisfactory/Unsatisfactory registrations (except in degree credit-bearing courses that are offered only on the S/U grading system in which a grade of S has been earned).

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

Credit by Examination Policy

All undergraduate nursing courses are available to any otherwise eligible student for credit by examination. Credit for a maximum of two clinical nursing courses may be earned by examination. Examinations may be taken while, but not before, prerequisite courses are in progress. Each clinical nursing course examination will include a clinical component. Objective and/or essay components of the examination must be completed successfully before assignment, clinical examination, and/or portfolio evaluation is attempted.

Students interested in receiving credit by examination for nursing courses should see their faculty adviser or the chair of the department in which the course is offered for more information.

Comprehensive Major: Nursing

(Code 700-004) Eau Claire Program
(Code 700-008) Marshfield Program

One-hundred-twenty semester credits are required for the B.S.N. degree. Students taking a comprehensive major are not required to take a minor in another area. However, students who are interested in a minor are encouraged to discuss options with their adviser. Students must also seek an adviser in the area of the minor.

Degree Requirements

To qualify for the degree of Bachelor of Science in Nursing, the candidate must present at least 120 semester credits with a total GPA of at least 2.50; must meet all University requirements for graduation; and must meet all nursing program requirements for the degree.

Satisfactory/Unsatisfactory Policy. No course required for the degree in nursing may be taken on a Satisfactory/Unsatisfactory basis. Audit enrollment is not allowed.

Minors/Second Majors

Students may select a minor or second major in a non-nursing field. The Spanish for Health Professionals minor (Code 320-408) is designed for students in nursing or other health-care related professions who desire a proficiency in the Spanish language. (See Department of Foreign Languages for program requirements.) Completion of a minor or second major will require credits beyond the minimum necessary for graduation from the University. See the major/minor concentration policies in the section on University Graduation Requirements. Students who select a minor or second major must obtain an academic adviser in that area.

TOPICAL MINOR (Code 610-432)

A topical minor is composed of 24 semester credits selected by the student to meet the student’s own interests and scholarly objectives. Courses for the minor may be chosen on the basis of a coherent theme, a definable professional need, or complementary relation to the student’s major.

The topical minor is not intended to duplicate any major or minor offered as a regular program.

Nursing Comprehensive Major. The topical minor must include 12 credits from the College of Nursing and Health Sciences and 12 credits from at least one department in any other College within the University. No more than six credits in the comprehensive major may be applied to the minor. At least 12 of the 24 credits must be earned in courses numbered 300 or above.

Standard Major. The topical minor must include courses from at least two departments, with no more than 12 credits from any one department and no more than six credits from the department of the student’s major. Courses included in the major cannot be applied to the minor. At least 12 of the 24 credits must be earned in courses numbered 300 or above and 12 of the 24 credits must be earned in the College of Nursing and Health Sciences courses. The remaining credits may be earned from any College in the University.

Procedure. The student shall obtain a topical minor application form from the College of Nursing and Health Sciences Dean’s office and identify a topical minor adviser. The completed form will be forwarded to the adviser for approval.

SUMMARY OF COURSE/CREDIT REQUIREMENTS

	Credits
Nursing (includes Wellness Theory)	60
Program-specific courses	
Chem 103, General Chemistry I	5
Chem 150, Survey of Biochemistry.....	3
Biol 214, Human Anatomy and Physiology I.....	4
Biol 250, Microbiology	3
Biol 314, Human Anatomy and Physiology II	4
Psyc 230, Human Development (Psyc 100 is a prerequisite)	3
Social Sciences	6-9
Introduction to Statistics	3-4
English Composition	5
Physical Activity.....	1
Language Skills	3-4
Humanities.....	9-12
Electives—sufficient to total	120

**UNIVERSITY OF WISCONSIN-EAU CLAIRE
COLLEGE OF NURSING AND HEALTH SCIENCES**

SAMPLE PROGRAM OF UNDERGRADUATE STUDY

Pre-Professional Level

FRESHMAN YEAR

Fall Semester	Credits	Spring Semester	Credits
Engl 110 (Introduction to College Writing)	5	Chem 150 (Survey of Biochemistry)*	3
Chem 103 (General Chemistry)	5	Biol 214 (Anatomy and Physiology I)	4
GE-III (Psysc 100 or 260)	3	GE-III Psysc 230 or GE-IV	3
GE-IV or Foreign Language	3-4	GE-IA Language Skills or Foreign Language	3-4
		Physical Activity	1
TOTAL CREDITS	16-17	TOTAL CREDITS	14-15

Professional Level

SOPHOMORE YEAR

First Semester	Credits	Second Semester	Credits
Biol 250 (Microbiology)	3	Nrsg 230 (Nursing: Introduction to the Profession)	3
Biol 314 (Anatomy and Physiology II)	4	Nrsg 240 (Foundations of Nursing Practice)	7
GE-IB Statistics or GE-IV	3-4	Nrsg 245 (Pharmacology)	2
GE-III or IV	3	GE-IV or V or Statistics or GE-III – Psysc 230	3-4
Nrsg 211** (Wellness: Food for Fitness)	1		
TOTAL CREDITS	14-15	TOTAL CREDITS	15-16

JUNIOR YEAR

First Semester	Credits	Second Semester	Credits
Nrsg 345 (Nursing: Health and Health Deviations of Adults 1, Theory and Practice)	7	Nrsg 350 (Nursing: Health and Health Deviations of Adults 2)	4
Nrsg 335 (Nursing: Health Promotion w/ Children, Families, and Community)	4	Nrsg 352 (Nursing Practice: Adults 2)	2
Nrsg 330 (Nursing: Context of Practice)	2	Nrsg 368 (Nursing Practice: Children Families and Communities)	2
GE-III or V	2-3	Nrsg 358 (Nursing: Individual and Family Transitions)	2
		GE-IV or V	3
		Elective	3
TOTAL CREDITS	15-16	TOTAL CREDITS	16

SENIOR YEAR

First Semester	Credits	Second Semester	Credits
Nrsg 420 (Nursing: Health Enhancement)	4	Nrsg 470 (Nursing: Professional Practice within Systems)	2
Nrsg 422 (Nursing Practice: Health Enhancement)	2	Nrsg 472 (Nursing Practice: Application and Reflection)	7
Nrsg 435 (Nursing: Families and Children with Health Deviations)	3	Elective	3
Nrsg 438 (Nursing Practice: Children and Families with Health Deviations)	2	GE-IV	3
Nrsg 432 (Nursing: Management within Systems)	4		
TOTAL CREDITS	15	TOTAL CREDITS	15

Total Number of Credits Required for BSN Degree - 120

* Chemistry 150 available spring semesters at UW-Eau Claire.

** Must be taken from UW-Eau Claire nursing faculty or by challenge test.

INDEPENDENT STUDY

Under the course numbers 399 and 499, each department in the College of Nursing and Health Sciences provides students with opportunities for student-initiated independent study in areas of special interest with guidance of a faculty member.

Eligibility. Independent Study courses are open only to juniors and seniors. A student with a nursing major may elect an Independent Study, provided the student has at least 3.00 resident and total GPAs.

Restrictions. One to three credits of Independent Study (399 or 499) may be elected during any semester. A total of no more than six independent study credits in nursing may be counted toward graduation. Independent Study courses may not be applied toward completion of the General Education requirements.

Procedure. The student shall obtain Independent Study forms from the department secretary. Initial approval of the department chair is required prior to enrollment.

DIRECTED STUDY

Courses numbered 295, 395, and 495 offered by departments in the College of Nursing and Health Sciences are designed to permit individual students or groups of students to undertake special projects related to their educational interests and goals.

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

Restrictions. One to three credits of Directed Study (295, 395, or 495) may be elected during any semester. A total of no more than six directed study credits in nursing may be counted toward graduation. Directed Study courses may not be applied toward completion of the General Education requirements.

Procedure. The student shall obtain Directed Study forms from the department secretary. Initial approval is required prior to enrollment.

UNDERGRADUATE NURSING HONORS PROGRAM

The nursing honors program is designed to complement and extend the learning experiences generally available to students majoring in nursing by (1) requiring the student to engage in independent thought that culminates in a specific scholarly paper or project; (2) allowing the student to select options within courses and to pursue independent study in a specific area or focus; (3) enhancing the student's ability to analyze, synthesize, and critically appraise knowledge from nursing and other disciplines in a specific area; and (4) facilitating the student's ability to adopt suitable leadership and scholarly behaviors as he or she assumes the responsibilities incumbent in the professional role as a member of the discipline of nursing.

The objectives of the Honors Program are consistent with the objectives of the basic undergraduate program of nursing. Honors students in nursing, however, will have an opportunity to meet the program's objectives in a more individualized, rigorous, and challenging manner. In addition, honors students will complete a significant piece of independent work (paper or project) that is evaluated and approved by a faculty committee.

Eligibility. Nursing students with resident and total GPAs of 3.50 or higher may be admitted.

Application. A written application shall be approved by the Dean and the Nursing Honors Committee after receiving the recommendation of the academic adviser.

Requirements for Completion. A student must earn a minimum of eight nursing honors credits. At least three of the credits must be taken as an honors option course. The remaining credits may be earned either through independent study or honors option courses. The student is required to pass an oral evaluation in a format agreed upon by the student and the student's honors committee. The evaluation will focus on a paper or project which reflects work taken throughout the program.

Accelerated B.S.N Option (Code 700-007)

UW-Eau Claire offers an accelerated B.S.N. degree option for individuals with a bachelor's degree in another field who wish to earn a second bachelor's degree in nursing. Admission into this option currently is on hold. In order to be considered for the Accelerated B.S.N. program, students must hold a bachelor's degree, have been accepted to the University, have completed required prerequisite courses, have earned a minimum overall GPA of 3.00 in most recent bachelor's or higher degree and a GPA of 2.50 in required science courses, satisfy the University Cultural Diversity requirement, be certified as a nursing assistant, and be certified in CPR. The Accelerated B.S.N. program includes 60 credits of nursing courses offered over four terms (Summer, Fall, Winterim, and Spring); one class per year is admitted when offered. Further information may be obtained from the Student Services Coordinator for Pre-Licensure Programs, College of Nursing and Health Sciences.

Required Prerequisite Courses (or equivalents):	Credits
Chem 103, General Chemistry I.....	5
Chem 150, Survey of Biochemistry.....	3
Biol 214, Human Anatomy and Physiology I.....	4
Biol 314, Human Anatomy and Physiology II.....	4
Biol 250, Microbiology.....	3
Psyc 230, Human Development (Psyc 100 is a prerequisite).....	3
Math 246, Introduction to Statistics.....	3-4

Required Courses for the Accelerated B.S.N.:	Credits
Term 1 Courses:	
Nrsg 246, Nursing: Pharmacology in Nursing Practice I.....	1
Nrsg 340, Introduction to Professional Nursing.....	2
Nrsg 303, Foundations of Professional Nursing & Nursing Practice....	7
Nrsg 325, Human Concepts and Responses to Health and Health Deviations	5
Term Total	15

Term Two Courses:	
Nrsg 247, Nursing: Pharmacology in Nursing Practice II.....	1
Nrsg 416, Health Care Systems as Context for Professional Practice I....	2
Nrsg 425, Nursing Care of Children, Adolescents, Families, Expanding Families, and Communities	7
Nrsg 427, Nursing Practice: Children, Adolescents, Families, Expanding Families, and Communities	2
Nrsg 429, Nursing: Human Concepts and Responses to Health and Health Deviations II.....	6
Nrsg 431, Nursing Practice: Human Concepts and Responses to Health and Health Deviations II.....	3
Term Total	21

Term Three Courses:	
Nrsg 437, Nursing Care of Families, Newborns, Children, and Adolescents with Health Deviations	2
Nrsg 439, Nursing Practice: Families, Newborns, Children, and Adolescents with Health Deviations	2
Term Total	4

Term Four Courses:	
Nrsg 417, Health Care Systems as Context for Professional Practice II 4	
Nrsg 445, Nursing and Nursing Practice: Responses of Chronic Illness, Disability, and End of Life Transitions.....	6
Nrsg 458, Contemporary Issues in Professional Nursing.....	2
Nrsg 460, Transition to Professional Nursing Practice	8
Term Total	20

NURSING

R.N./B.S.N. Option

B.S.N. Completion Program (Collaborative Nursing Degree) (Code 700-005)

UW-Eau Claire, together with other UW institutions offering nursing programs, has developed a collaborative degree completion program for registered nurses. This collaborative endeavor is possible due to developing technology in the electronic transmission of courses. Students naming UW-Eau Claire as their home institution in the BSN Completion Program receive student services from this University. General education requirements can be taken at any institution where equivalent transfer credit can be obtained. This general education must meet the overall UW-Eau Claire General Education requirements if the degree is to be obtained from UW-Eau Claire. Formal application to the BSN Completion Program must be made in the semester prior to enrolling in nursing courses. In order to be considered, students must have been accepted to the University; have completed at least 30 credits of general education courses, including three of the required sciences; have earned a minimum GPA of 2.50; have an associate degree in nursing from a nationally accredited program; and have a current Wisconsin nursing license. The majority of nursing courses in the program are taught through a variety of distance technology methods. The foundational course and a capstone course with a clinical component are offered on campus (see nursing courses with CND prefix). Further information may be obtained from the Assistant to the Dean for the BSN Completion Program.

To qualify for the B.S.N. degree a candidate must meet the 120-credit University graduation requirement, with a GPA of 2.50 or higher, and must meet all University and College of Nursing and Health Sciences graduation requirements (statistics and biochemistry).

SUMMARY OF NURSING COURSES/CREDITS FOR B.S.N. COMPLETION PROGRAM

	Credits
*CND 310 Foundations of Professional Nursing.....	2
CND 317 Health Assessment.....	4
CND 341 Theoretical Foundations of Nursing	4
CND 434 Nursing Research.....	3
CND 437 Management and Leadership in Nursing.....	4
CND 444 Community Health Nursing	3
CND 480 Nursing within Systems: Analysis and Application.....	4
Credit by confirming course for prior nursing education*	30
Nursing Electives**	6
	60

*First CND core course completed with a grade of B or above. **Nursing electives must be at the upper division (300 or higher) level.

R.N./B.S.N. OPTION—WTCS Associate Degree in Nursing/May 1996 or later BSN Completion Program (Collaborative Nursing Degree) (Code 700-006)

UW-Eau Claire, together with other UW institutions offering nursing programs, has developed a collaborative degree completion program for registered nurses. This collaborative endeavor is possible due to developing technology in the electronic transmission of courses. Students naming UW-Eau Claire as their home institution in the BSN Completion Program receive student services from this University. General education requirements can be taken at any institution where equivalent transfer credit can be obtained. This general education must meet the overall UW-Eau Claire General Education requirements if the degree is to be obtained from UW-Eau Claire. Formal application to the BSN Completion Program must be made in the semester prior to enrolling in nursing courses. In order to be considered, students must have been accepted to the University; have completed at least 30 credits of general education courses, including three of the required sciences; have earned a minimum GPA of 2.50; have an associate degree in nursing from a nationally accredited program; and have a current Wisconsin nursing license. The majority of nursing courses in the collaborative program are taught through a variety of distance technology methods.

The foundational course and a capstone course with a clinical component are offered on campus (see nursing courses with CND prefix). Further information may be obtained from the Assistant to the Dean for BSN Completion Program.

Students in this option are eligible for the benefits of the articulation agreement between UW-System and WTCS non-college associate degree programs in nursing.

To qualify for the B.S.N. degree a candidate must meet the 120-credit University graduation requirement, with a GPA of 2.50 or higher, and must meet all University and nursing program graduation requirements (statistics and biochemistry).

SUMMARY OF NURSING COURSES/CREDITS FOR B.S.N. COMPLETION PROGRAM

	Credits
*CND 310 Foundations of Professional Nursing.....	2
CND 317 Health Assessment.....	4
CND 341 Theoretical Foundations of Nursing	4
CND 434 Nursing Research.....	3
CND 437 Management and Leadership in Nursing.....	4
CND 444 Community Health Nursing	3
CND 480 Nursing within Systems: Analysis and Application.....	4
Credit by confirming course for prior nursing education*	30
Nursing Electives**	6
	60

*First CND core course completed with a grade of B or above

**Nursing electives must be at the upper division (300 or higher) level.

R.N./B.S.N./M.S.N. Option

The R.N./B.S.N./M.S.N. Option is a program that facilitates the progression of qualified Registered Nurse students, enrolled in the BSN Completion Program (Collaborative Nursing Program), to progress in pursuing the Master of Science in Nursing Program at UW-Eau Claire. This Option provides the opportunity for the qualified nurse to earn credits toward the M.S.N. while completing the baccalaureate degree in nursing. This is accomplished by enrolling as a senior undergraduate student in selected graduate courses. A grade of B or better must be earned in a graduate course in order to be eligible to register for additional graduate courses. The graduate courses serve as confirming courses for up to nine credits in the undergraduate BSN completion curriculum; a grade of C or better is needed to earn the confirming credits. Permission must be obtained from the Associate Dean of the College of Nursing and Health Sciences prior to enrollment in this option.

Students approved for this option may enroll in:

Graduate Courses	Credits
Nrsg 701 Nursing Research: Methods (Fall Semester)	4
Nrsg 715 Leadership and Health Policy in Nursing (Spring Semester)	3
Cognate (Varies with Role Preparation)	2
Graduate credits earned	9

And receive credit for:

Undergraduate Courses	Credits
CND 434 Nursing Research.....	3
CND 437 Management and Leadership in Nursing	4
Nursing Elective	2

Requirements for eligibility:

- Senior status in nursing: 90 semester credits completed, including two courses in upper division nursing and an undergraduate statistics course (grade of C or higher).
- If a second degree student, prerequisites for nursing, University requirements for a second degree, and two courses in upper division nursing and an undergraduate statistics course (grade of C or higher) must have been completed.
- Cumulative GPA of 3.00 or higher in course work accepted toward the B.S.N.

- Recommendation of the Associate Dean of the College of Nursing and Health Sciences.

Master of Science in Nursing (MSN)

The graduate program leading to the Master of Science in Nursing degree is designed to prepare nurses to assume leadership and scholarship roles in professional nursing. Students choose an adult-gerontologic or family health population focus and functional role preparation in nursing education. After admission to the program, the student must complete approximately 41-42 graduate credits to prepare for the educator role. Completion of the program usually requires four semesters and a summer session. Individuals interested in pursuing the nurse practitioner, clinical nurse specialist, or administration role preparations need to apply to the post-baccalaureate Doctor of Nursing Practice (BSN-to-DNP) degree option, in keeping with the American Association of Colleges of Nursing (AACN) decision to transition advanced practice nursing preparation to the Doctor of Nursing Practice (DNP) degree level.

More specific information is available in the Graduate Catalog or from the Graduate Nursing Programs Director, College of Nursing and Health Sciences.

Doctor of Nursing Practice (DNP)

The College of Nursing and Health Sciences offers a Doctor of Nursing Practice (DNP) degree option 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. The American Association of Colleges of Nursing (AACN) is requiring the DNP degree to be the entry level of practice for advanced clinical practice nurses by 2015. Both MSN-to-DNP and BSN-to-DNP options are offered. More specific information is available online (www.uwec.edu/conhs) or from the Graduate Nursing Programs Director, College of Nursing and Health Sciences.

NRSG

NRSG 101 Cultural Bridge I

1 cr. • V • P: Enrollment in IHS grant project.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

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.

NRSG 102 Cultural Bridge II

1 cr. • V • P: NRSG 101 or consent of instructor.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

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.

NRSG 103 Cultural Bridge III

1 cr. • V • P: NRSG 102 or consent of instructor.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

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.

NRSG 105 Dilemmas of Knowledge in Nursing and Healthcare

1 cr. • F, Sp • GE-V • A-F Grades Only • P: ENGL 110 or concurrent, or consent of instructor.

Lecture/Discussion Hour: 1 | Lab Studio Hour: 0

An introductory course on significant problems in nursing and healthcare. Explores what knowledge is discovered and used to describe and develop effective solutions.

NRSG 205 Integrating Knowledge for Improving Health

1 cr. • F, Sp • GE-V • A-F Grades Only • P: NRSG 105, BIOL 214, CHEM 150; or consent of instructor. PSYC 230 or concurrent enrollment.

Lecture/Discussion Hour: 1 | Lab/Studio Hour: 0

Critical thinking and evidence-based practice approaches used to demonstrate how healthcare professionals analyze, integrate, and apply knowledge to challenges ranging from everyday health care practice to global health policy. Simulations and discussions are used.

NRSG 211 Wellness: Food for Fitness

1 cr. • F, Sp, Su • W

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

• 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.

NRSG 212 Navigating Health Care

1 cr. • F, Sp, Su • W

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

• 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.

NRSG 213 Body, Mind, Spirit Wellness

1 cr. • F, Sp, Su • W

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

• 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.

NRSG 220 The Language of Health Care

1 cr. • F, Sp, Su • P: No credit if taken after FMHN 228, 229, 260; or FMHN/NRSG 240.

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

The study of specialized language and terminology used by health care professionals. The study of roots, word elements, word formation, and analyses.

NRSG/ENPH 225 Introduction to Public Health

3 crs. • V • W; CD1; GE-V • A-F Grades Only

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Wellness for one credit.

Examines population health and disease considering historical and current public health practice. Focus areas include cultural, political, environmental, and socio-economic influences that increase population vulnerability and risk. Effectiveness of public health interventions is analyzed.

NRSG 230 Nursing: Introduction to the Profession

3 crs. • F, Sp • Special Course Fee Required; Special Course Fee Varies by Section • A-F Grades Only • P: MATH 245 or 246 or PSYC 265 or concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences. Must be taken with NRSG 240.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Distance education fee for students in Marshfield section.

Introduction to definition and meaning of the discipline of nursing. Nursing's historical evolution is examined. Introduction to ethics, theory, and nursing research.

NRSG 240 Foundations of Nursing Practice

7 crs. • F, Sp • Special Course Fee Required; Special Course Fee Varies by Section • A-F Grades Only • P: BIOL 314 or equivalent; BIOL 250 or 361 or equivalent; NRSG 211. Limited to nursing majors admitted to College of Nursing and Health Sciences. Must be taken with NRSG 245.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 3

• Distance education fee for students in Marshfield section.

Introduces concepts of caring, communication, and clinical decision-making in professional nursing. Emphasis is on relationships, health assessment, health education, and psychomotor skills. Includes campus and clinical laboratory experiences.

NRSG 245 Nursing: Introduction to Pharmacology in Nursing Practice

2 crs. • F, Sp • Special Course Fee Required; Special Course Fee Varies by Section • A-F Grades Only • P: CHEM 150 or equivalent, or concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences. Must be taken with NRSG 230.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• 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.

NRSG 246 Nursing: Pharmacology in Nursing Practice I

1 cr. • Su • Higher Cost Per Credit • A-F Grades Only • P: Limited to admitted Accelerated BSN students only. • Department Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0

Introduces concepts of pharmacological therapy for collaborative nursing practice. Selected medication categories are studied with emphasis on nursing responsibility, accountability, and safety.

NURSING

NRSNG 247 Nursing: Pharmacology in Nursing Practice II

1 cr. • F • Higher Cost Per Credit • A-F Grades Only • P: NRSNG 246. Limited to admitted Accelerated BSN students only. • Department Consent Required
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0
Continues development of knowledge about pharmacological therapy for collaborative nursing practice. Selected medication categories are studied with emphasis on nursing responsibility, accountability, and safety.

NRSNG 255 Interdisciplinary Studies in Health and Health Care

1-3 crs. • V • GE-V • May be repeated for a maximum of 6 credits
• No credit if taken after HNRS 105 with the same title.
Will vary depending upon the specific course being offered.

NRSNG 265 Women's Health Issues

3 crs. • V • W; CD1; GE-V
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• Credit may not be earned in both NRSNG 265 and WMNS 265. Open to all majors.
Explores a wide range of women's health issues within the context of developmental changes, environmental influences, normal health processes, wellness, and health concerns. Examines health promotion, cultural diversity, and social relations of gender related to women's health.

NRSNG 270 Scientific Concepts for Nursing

3 crs. • V • P: NRSNG 240 or concurrent enrollment. No credit if taken after ADTN/NRSNG 345.
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Focuses on application of various scientific concepts as they specifically relate to nursing practice. Content arranged to coordinate with body systems and functions.

NRSNG 285 Men's Health Issues

3 crs. • V • W
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
• Open to all majors.
Explores issues related to men's health with a focus on wellness and prevention of health problems. Major contemporary men's health issues and concerns from diverse racial, cultural, class, sexual orientation, religious, social, and ability/disability perspectives will be addressed.

NRSNG 295 Directed Studies

1-3 crs. • V • May be repeated for a maximum of 6 credits • Instructor Consent Required
Study of problems or special areas in or related to nursing.

NRSNG 297 Teaching Apprenticeship

1-3 crs. • V • May be repeated for a maximum of 6 credits • P: 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. • 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.

NRSNG 299 Independent Study

1-3 crs. • V • May be repeated • P: Limited to nursing majors admitted to College of Nursing and Health Sciences. Minimum sophomore standing. • Department Consent Required

NRSNG 300 Travelers' Health

1 cr. • V • W
Lecture/Discussion Hours: 1 | Lab/Studio Hours: 0
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.

NRSNG 303 Foundations of Professional Nursing and Nursing Practice

7 crs. • Su • Higher Cost Per Credit • A-F Grades Only • P: Limited to students admitted to the Accelerated BSN program. • Department Consent Required
Lecture/Discussion Hours: 4 | Lab/Studio Hours: 3
• 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.

NRSNG 325 Human Concepts and Responses to Health and Health Deviations I

5 crs. • Su • Higher Cost Per Credit • A-F Grades Only • P: Limited to students admitted to the Accelerated BSN program. • Department Consent Required
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2
• 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.

NRSNG 330 Nursing: Context of Practice

2 crs. • F, Sp • Special Course Fee Required; Special Course Fee Varies by Section • A-F Grades Only • P: NRSNG 345 or concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
• Distance education fee for students in Marshfield section.
Applies nursing research and introduces health care systems as the environmental context for nursing practice. Integrates self-management skills with development of intraprofessional relationships.

NRSNG 333 Wellness in the Work World

3 crs. • V • W; GE-V; SL-Half
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 1
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.

NRSNG 335 Nursing: Health Promotion with Children, Families, and Community

4 crs. • F, Sp • Special Course Fee Required • A-F Grades Only • P: NRSNG 240; PSYC 230. Limited to nursing majors admitted to College of Nursing and Health Sciences.
Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0
• Distance education fee for students in Marshfield section.
Describes roles and responsibilities of nurses who work with children, families, and/or communities. Concepts emphasized include health promotion, illness prevention, family-centered care, community health nursing, and environment.

NRSNG 340 Introduction to Professional Nursing

2 crs. • Su • Higher Cost Per Credit • A-F Grades Only • P: Limited to students admitted to the Accelerated BSN program. • Department Consent Required
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
• 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.

NRSNG 345 Nursing: Health and Health Deviations of Adults I, Theory and Practice

7 crs. • F, Sp • SL-Full; Special Course Fee Required • A-F Grades Only • P: NRSNG 240 and 245. Limited to nursing majors admitted to College of Nursing and Health Sciences.
Lecture/Discussion Hours: 4 | Lab/Studio Hours: 3
• Distance education fee for students in Marshfield section.
Concepts examined are foundational to nursing and encountered across the adult lifespan in diverse settings. Explores pathophysiological theories, human responses. Focuses on selected nursing skills. Clinical decision-making related to the care of adults experiencing health and health deviations.

NRSNG 350 Nursing: Health and Health Deviations of Adults II

4 crs. • F, Sp • Special Course Fee Required; Special Course Fee Varies by Section • A-F Grades Only • P: NRSNG 345. Limited to nursing majors admitted to College of Nursing and Health Sciences.
Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0
• Distance education fee for students in Marshfield section.
Focuses on complex interactions of health and health deviations of adults. Interrelationships among health problems and human responses are examined. Includes physical health, mental health, and pathological processes. Continued application of nursing clinical decision-making.

NRSNG 352 Nursing Practice: Adults II

2 crs. • F, Sp • SL-Full • A-F Grades Only • P: NRSNG 350 and 358 or concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.
Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2
Focuses on clinical decision-making and application of theory. Emphasis on complex acute and chronic health deviations in adults. Clinical laboratory.

NRSNG 358 Nursing: Individual and Family Transitions

2 crs. • F, Sp • *Special Course Fee Required; Special Course Fee Varies by Section*
• A-F Grades Only • P: NRSNG 350 or concurrent enrollment and NRSNG 335. Limited to nursing majors admitted to College of Nursing and Health Sciences.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Distance education fee for students in Marshfield section.

Focuses on nursing during major transitions. Integration of theory, cultural implications, and individual/family response to transitions. Primary consideration is given to nursing care during perinatal experience.

NRSNG 360/560 Death and Bereavement

3 crs. • V • W; GE-V; *Field Trip(s) Required* • P: SOC 101 or PSYC 100 or consent of instructor. Minimum sophomore standing.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Credit may not be earned in both SW 360/560 and NRSNG 360/560. No credit if taken after SOC 318, PSYC 339 or SW 350.

Through the study of current theory and research, this interdisciplinary course is designed to facilitate student understanding of death and bereavement from a life span, family, and cultural perspective.

NRSNG 368 Nursing Practice: Children, Families, and Communities

2 crs. • F, Sp • SL-Full • A-F Grades Only • P: NRSNG 358 or concurrent enrollment. Limited to nursing majors admitted to College of Nursing and Health Sciences.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2

Focuses on nursing clinical decision-making process and application of knowledge of health promotion and maintenance for children and families within the context of community. Students function in various roles in providing care. Clinical laboratory.

NRSNG 375 Pharmacotherapeutics and Pathophysiology for Allied Health Professionals

3 crs. • F, Sp • P: KINS 304 and 308 or BIOL 214 and 314.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

NRSNG 377 International Dimensions of Health Care

3 crs. • V • P: NRSNG 212

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

NRSNG 389/589 Cross Cultural Health

3 crs. • V • CD3 • P: GEOG 111 or SOC 101 or ANTH 161 or consent of instructor. Open to all majors.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

NRSNG 395 Directed Studies

1-3 crs. • V • May be repeated • P: Limited to nursing majors admitted to College of Nursing and Health Sciences. • Department Consent Required

Study of problems or special areas in or related to nursing.

NRSNG 397 Teaching Apprenticeship

1-2 crs. • V • May be repeated for a maximum of 4 credits • P: NRSNG 240 as well as the course in which the student will be an apprentice, with grades of B or above. Limited to nursing majors admitted to College of Nursing and Health Sciences. • Instructor 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.

NRSNG 399 Independent Study

1-3 crs. • V • May be repeated • P: Limited to nursing majors admitted to College of Nursing and Health Sciences. Minimum junior standing. • Department Consent Required

NRSNG 416 Health Care Systems as Context for Professional Practice I

2 crs. • F • Higher Cost Per Credit • A-F Grades Only • P: NRSNG 303, NRSNG 325, and NRSNG 340. Limited to students admitted to the Accelerated BSN program. • Department Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• 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.

NRSNG 417 Health Care Systems as Context for Professional Practice II

4 crs. • Sp • Higher Cost Per Credit • A-F Grades Only • P: NRSNG 416. Limited to students admitted to the Accelerated BSN program. • Department Consent Required

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

• 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.

NRSNG 420 Nursing: Health Enhancement

4 crs. • F, Sp • Special Course Fee Required; Special Course Fee Varies by Section • A-F Grades Only • P: NRSNG 350 and 352. Limited to nursing majors admitted to College of Nursing and Health Sciences.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

• Distance education fee for students in Marshfield section.

Theory and research relevant to health and development of adults. Conceptual basis for group as client is included. Independent health-enhancing nursing interventions for individuals or groups are examined.

NRSNG 422 Nursing Practice: Health Enhancement

2 crs. • F, Sp • SL-Full • A-F Grades Only • P: NRSNG 420 or concurrent enrollment and NRSNG 368. Limited to nursing majors admitted to College of Nursing and Health Sciences.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2

Application and evaluation of theory and research to facilitate positive adult and group development and movement toward optimal health. Clinical experience incorporates independent, health enhancing nursing interventions.

NRSNG 425 Nursing Care of Children, Adolescents, Expanding Families, Families, and Communities

7 crs. • F • Higher Cost Per Credit • A-F Grades Only • P: NRSNG 303, 325, and 340. Limited to students admitted to the Accelerated BSN program. • Department Consent Required

Lecture/Discussion Hours: 7 | Lab/Studio Hours: 0

• 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.

NRSNG 426/626 Contemporary Issues in Critical Care

3 crs. • F, Sp • Special Course Fee Required; Special Course Fee Varies by Section • P: NRSNG 352, or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

NRSNG 427 Nursing Practice: Children, Adolescents, Expanding Families, Families, and Communities

2 crs. • F • Higher Cost Per Credit • A-F Grades Only • P: NRSNG 303, 325, and 340. Limited to students admitted to the Accelerated BSN program. • Department Consent Required

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2

• 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.

NURSING

NRSG 429 Nursing: Human Concepts and Responses to Health and Health Deviations II

6 crs. • F • Higher Cost Per Credit • A-F Grades Only • P: NRSG 303, 325, and 340. Limited to students admitted to the Accelerated BSN program. • Department Consent Required

Lecture/Discussion Hours: 6 | Lab/Studio Hours: 0

• 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.

NRSG 431 Nursing Practice: Human Concepts and Responses to Health and Health Deviations II

3 crs. • F • Higher Cost Per Credit • A-F Grades Only • P: NRSG 303, 325, and 340. Limited to students admitted to the Accelerated BSN program. • Department Consent Required

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 3

• 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.

NRSG 432 Nursing: Management within Systems

4 crs. • F, Sp • Special Course Fee Required; Special Course Fee Varies by Section • A-F Grades Only • P: NRSG 352 and 368. Limited to nursing majors admitted to College of Nursing and Health Sciences.

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

• Distance education fee for students in Marshfield section.

Relates systems theory to management and leadership within health care organizations. Management processes, leadership behaviors, organizational culture, conflict, change, and power are studied. The nurse's role as manager is examined.

NRSG 435 Nursing: Families and Children with Health Deviations

3 crs. • F, Sp • Special Course Fee Required; Special Course Fee Varies by Section • A-F Grades Only • P: NRSG 352 and 368. Limited to nursing majors admitted to College of Nursing and Health Sciences.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Distance education fee for students in Marshfield section.

Focuses on the relationship between nursing practice and issues surrounding families and children experiencing a health deviation or a high risk situation.

NRSG 437 Nursing Care of Families, Newborns, Children, and Adolescents with Health Deviations

2 crs. • Wi • Higher Cost Per Credit • A-F Grades Only • P: NRSG 425 and 427. Limited to students admitted to the Accelerated BSN program. • Department Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• 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.

NRSG 438 Nursing Practice: Children and Families with Health Deviations

2 crs. • F, Sp • SL-Full • A-F Grades Only • P: NRSG 435 or concurrent registration. Limited to nursing majors admitted to College of Nursing and Health Sciences.

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2

Focuses on clinical decision-making with children and families experiencing health deviations or high risk status. Increasingly sophisticated application of theory and research are emphasized. Clinical laboratory.

NRSG 439 Nursing Practice: Families, Newborns, Children, and Adolescents with Health Deviations

2 crs. • Wi • Higher Cost Per Credit • A-F Grades Only • P: NRSG 425 and NRSG 427. Limited to students admitted to the Accelerated BSN program. • Department Consent Required

Lecture/Discussion Hours: 0 | Lab/Studio Hours: 2

• 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.

NRSG 445 Nursing and Nursing Practice: Responses to Chronic Illness, Disability, and End of Life Transitions

6 crs. • Sp • Higher Cost Per Credit • A-F Grades Only • P: NRSG 417. Limited to students admitted to the Accelerated BSN program. • Department Consent Required

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 2

• 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.

NRSG 448 Comparative Study in Nursing and Health Care

3-4 crs. • V • P: NRSG 240 or consent of instructor. Limited to nursing majors admitted to College of Nursing and Health Sciences. • Instructor Consent Required

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0

A study of human beings, their health problems, and the roles of providers and consumers in the health care system of another country.

NRSG 450 Health Care in Rural Areas

3 crs. • V • SL-Full • P: Minimum senior standing. • Instructor Consent Required

Lecture/Discussion Hours: 1 | Lab/Studio Hours: 2

• 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.

NRSG 455 Advanced Interdisciplinary Studies in Health and Health Care

1-3 crs. • V • GE-V • May be repeated for a maximum of 6 credits • P: 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.

NRSG 458 Contemporary Issues in Professional Nursing

2 crs. • Sp • CP; Higher Cost Per Credit • A-F Grades Only • P: NRSG 417. Limited to students admitted to the Accelerated BSN program. • Department Consent Required

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• 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.

NRSG 460 Transition to Professional Nursing Practice

8 crs. • Sp • CP; Higher Cost Per Credit • A-F Grades Only • P: NRSG 417. Limited to students admitted to the Accelerated BSN program. • Department Consent Required

Lecture/Discussion Hours: 4 | Lab/Studio Hours: 4

• 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 focuses on collaborative relationships within health care systems. Transition to professional nursing practice is emphasized.

NRSG 470 Nursing: Professional Practice within Systems

2 crs. • F, Sp • CP; Special Course Fee Required; Special Course Fee Varies by Section • A-F Grades Only • P: NRSG 422, 432, and 438. Limited to nursing majors admitted to College of Nursing and Health Sciences.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

• Distance education fee for students in Marshfield section.

Senior capstone. Emphasis on synthesis of concepts and theories, research utilization, critical thinking, and professional roles. Focuses on health care needs of a global society and nursing's interactions within complex interdisciplinary health care systems.

NRSG 472 Nursing Practice: Application and Reflection

7 crs. • F, Sp • SL-Full; CP; Special Course Fee Required; Special Course Fee Varies by Section • A-F Grades Only • P: NRSG 470 or concurrent registration. Limited to nursing majors admitted to College of Nursing and Health Sciences.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 4

• Distance education fee for students in Marshfield section.

Senior capstone. Refinement of and reflection on clinical decision-making, leadership, and research processes. Management of nursing care for groups of clients across the lifespan in various settings. Transition to role of beginning professional nurse.

NRSG 495 Directed Studies

1-3 crs. • V • May be repeated • P: Limited to nursing majors admitted to College of Nursing and Health Sciences. • Department Consent Required

Study of problems or special areas in or related to nursing.

NURSING

NRSG 497 Teaching Apprenticeship

1-3 crs. • V • *May be repeated for a maximum of 6 credits* • P: 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. • *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.

NRSG 499 Independent Study

1-3 crs. • V • *May be repeated* • P: Limited to nursing majors admitted to College of Nursing and Health Sciences. Minimum senior standing. • *Department Consent Required*

CND

CND 310 Foundations of Professional Nursing

2 crs. • F, Sp • *Special Course Fee Required Varies by Term or Section* • *Department Consent Required*
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0
Introductory course for the BSN completion students with emphasis on self as a professional and the context of the discipline of professional nursing.

CND 317 Health Assessment

4 crs. • F, Sp • *Higher Cost Per Credit; Special Course Fee Required Varies by Term or Section* • *Department Consent Required*
Lecture/Discussion Hours: 2.5 | Lab/Studio Hours: 1.5
Techniques of health history and physical examination to ascertain normal from variations of normal health conditions. In addition cultural and developmental variations are considered.

CND 341 Theoretical Foundations of Nursing

4 crs. • F, Sp • *Higher Cost Per Credit; Special Course Fee Required Varies by Term or Section* • *Department Consent Required*
Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0
Concepts and theories pertinent to professional nursing practice are developed and historical, legal, cultural, economic, and social factors that influence nursing and health care are analyzed.

CND 434 Nursing Research

3 crs. • F, Sp • *Higher Cost Per Credit; Special Course Fee Required Varies by Term or Section* • *Department Consent Required*
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
Prepares nurses to identify and critique research and to evaluate the readiness of research as a basis for nursing practice.

CND 437 Management and Leadership in Nursing

4 crs. • F, Sp • *Higher Cost Per Credit; Special Course Fee Required Varies by Term or Section* • *Department Consent Required*
Lecture/Discussion Hours: 4 | Lab/Studio Hours: 0
Examine nursing leadership and management using relevant theories and concepts. Analyze decision-making in relation to delegation, supervision, and group process.

CND 444 Community Health Nursing

3 crs. • F, Sp • *Higher Cost Per Credit; Special Course Fee Required Varies by Term or Section* • P: No credit if taken after FMHN 310. • *Department Consent Required*
Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0
This course provides an overview of community nursing theory, roles, tools, and skills needed to promote the health of individuals, families, and populations in communities.

CND 480 Nursing within Systems: Analysis and Application

4 crs. • F, Sp • SL-Full; CP; *Special Course Fee Required Varies by Term or Section* • P: CND 310. Limited to BSN completion program students admitted to the College of Nursing and Health Sciences.
Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2
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.

CND 490 Special Topics

2-4 crs. • F, Sp • CDV; *Higher Cost Per Credit; Special Course Fee Required Varies by Term or Section* • *May be repeated for a maximum of 12 credits* • *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.

CND 495 Directed Studies

1-3 crs. • V • *May be repeated for a maximum of 6 credits* • P: Limited to BSN completion program students. • *Department Consent Required*

CND 499 Independent Study

1-3 crs. • V • *May be repeated for a maximum of 6 credits* • P: Limited to BSN completion program students. Minimum resident and total GPA of 3.00. Minimum senior standing. • *Department Consent Required*

Health Sciences Programs

Philosophy

The faculty believe that public health professionals need a strong broad-based liberal education in order to function effectively. A liberal education serves as a foundation for the major offered by the department. The courses required for the major provide students with a theory and practice knowledge base in a professional domain and provide students with opportunities for practical application of the concepts learned.

DEGREE AND CURRICULUM

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

Comprehensive Major: Environmental Public Health

Specific Degree Requirements

This degree follows the All-University General Education program described in the section of this catalog titled General Education Requirements, but requires specific courses in several categories.

GENERAL INFORMATION

Placement Tests. The mathematics/foreign language placement tests are given during the orientation periods for new freshmen and transfers. Further information about the foreign language or the mathematics tests is available from the chair of the appropriate departments.

Laboratory Science Courses. The following have been designated as fulfilling the requirements for laboratory science courses in the department of Public Health Professions: Biol 110, 111, 151; Chem 103 and 104, or 115; and 325; Phys 211, 212.

Criminal History and/or Caregiver Background Checks. Wisconsin law requires that persons responsible for the care, safety, and security of children and adults are required to have background checks. In some cases, placement into an externship, internship, or practicum will be dependent on the background check results. Course fees will be assessed to cover the cost of the background check and results will be shared with the practicum, externship, or internship site as requested.

Degree Requirements

University Graduation Requirements. All candidates for degrees must fulfill the requirements for credits, curriculum, GPA, and University residency as specified in the section of this catalog titled University Graduation Requirements.

Department Graduation Requirements: Grade-Point Averages. All candidates for degrees in the Department must earn minimum resident and total GPAs of 2.00 or higher. The resident and total GPAs for the major are computed using all attempted credits applicable to the major including those offered by departments other than the major department.

Department Graduation Requirements: Cultural Diversity. The University Cultural Diversity Requirement must be satisfied by all students receiving degrees in the Department of Public Health Professions. To meet the cultural diversity requirement, students must take a minimum of three credits of approved course work. Courses which fulfill the requirement are listed in this catalog (see Cultural Diversity Courses).

Department Graduation Requirements: Foreign Language/Foreign Culture. The University Foreign Language/Foreign Culture Requirement must be satisfied by all students receiving degrees in the Department of Public Health Professions. Consult this catalog (Foreign Language/Foreign Culture Requirement) for details of the requirement.

Department Major-Minor Requirements. No minor is required with a Comprehensive Major (54-60 credits).

PLANNING A DEGREE PROGRAM

Declaring a Major/Minor Program

To officially declare or change to a new major or minor, a student must go to the office of the department of the intended major or minor. Specific instructions can be found at www.uwec.edu/registrar/student/chgofmajor.htm.

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

Dean's List

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

1. be in good academic standing;
2. have a minimum semester GPA of 3.70;
3. have completed at least 12 credits during the semester, with no incompletes, no courses below the 100-level, no repeats, and no Satisfactory/Unsatisfactory registrations (except in degree credit-bearing courses that are offered only on the S/U grading system in which a grade of S has been earned).

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

Special Curricular Offerings

Special Topics Courses

The department offers courses in which the topic for study may vary from semester to semester, often focusing on a contemporary issue or taking an innovative approach to a traditional subject. Students and faculty members are invited to recommend topics to the department.

Restrictions: A total of no more than nine credits in Special Topics courses may be applied toward graduation. Special Topics courses may not be applied toward completion of the General Education requirements. The Department of Social Work may further restrict the application of such credits to their majors.

Directed Study Courses

Courses numbered 395 or 495 offered under various titles, are designed to permit individual students or groups of students to undertake special projects related to their educational interests and goals.

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

Restrictions: A total of no more than six credits of Directed Study courses may be counted toward graduation. Directed Study courses may not be applied toward completion of the General Education requirements. Application of such credits to majors and minors may be restricted.

Procedures: Permits to register may be obtained from the department office. When registration has been completed, the department will file a copy of each project with the Dean of the College.

Independent Studies

Under the course numbers 399 and 499, the department provides advanced students with opportunities for independent study in fields where they have already demonstrated their competence.

Eligibility: Independent Study courses are open only to juniors and seniors. A student may elect an independent study, provided the student has at least 3.00 resident and total GPAs in the major.

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

Procedures: The student shall outline an independent study proposal to a professor willing to direct the study. A permit approved by the professor directing the study and the department chair is required in order to register for a 399 or 499 course. A course description form is to be filed by the end of the fourth week of the semester (second week of summer session). Forms are available from the department office.

Internships and Field Practicum Courses

Some type of internship or clinical experience is an integral part of Environmental Public Health. See program area for details specific to the program.



Public Health Professions

Nursing 247
 (715) 836-2628
www.uwec.edu/conhs/departments/ph

CHRISTINE GABEL, CRISPIN PIERCE.

Mission Statement

The Environmental Public Health Program provides undergraduate students with a comprehensive understanding of science and its application to protect human environmental health. The Program prepares students for careers as Environmental Health Professionals and safety specialists, synthesizing a scientific background, technical skills, and professional ethics.

Program Goals

The Environmental Public Health Program strives to prepare graduates with the knowledge, awareness, and skills to:

1. Understand the natural world through applied chemistry, biology, physics, and mathematics.
2. Identify short- and long-term hazards to human and environmental health through critical thinking.
3. Serve the public by addressing human health risks through research, interventions, and communication.
4. Identify and address cross-cultural, economic, and technological barriers to serving public health interests.
5. Demonstrate professional ethics, values, and responsibility in all areas of practice.

Accreditation

The four-year B.S. degree program in Environmental Public Health is accredited by the National Environmental Health Science and Protection Accreditation Council.

Scholarships

Several scholarships are available to students in the Environmental Public Health Program. Additional information may be obtained from the Program faculty or by visiting the Financial Aid Website.

Organizations and Activities

Students are invited to participate in the Student National Environmental Health Association, the goal of which is to improve the health and well-being of people by focusing on environmental public health issues and provide students an introduction to professional organizations.

Bachelor of Science in Environmental Public Health

The field of environmental public health is composed of individuals whose professional efforts are directed toward controlling environmental health hazards, and preserving and improving environmental factors for the achievement of optimum health, safety, comfort, and well-being. An appreciation for cultural values that impact human environmental health complements courses that provide students with the educational background necessary for employment in regulatory agencies and industries concerned with environmental quality and the public's health. This comprehensive major includes both foundation classes in biology, chemistry, physics, and mathematics, and specialized courses in environmental and public health, such as food and water sanitation, industrial hygiene, and environmental toxicology.

The degree allows the recipient to take the National Environmental Health Association exam for the Registered Environmental Health Specialist/Registered Sanitarian credential.

COMPREHENSIVE MAJOR

Environmental Public Health (Code 641-050) Credits

I. Core Science Courses (included in the ENPH Major designation)		
Biol 111	Essentials of Cell Biology & Genetics	4
Biol 151	Biology of Humans	4
Biol 306	Infectious Disease Ecology	3
Chem 150	Survey of Biochemistry	3
Chem 213	Quantitative Analysis	4
Chem 325	Organic Chemistry	4
		22
II. Core Enph Courses (field trips required in some courses)		
Enph 210	Introduction to Environmental Health	3
Enph 322	Radiological Health	3
Enph 432	Preparation for Practicum	2
Enph 435	Practicum in Environmental Public Health	4
Enph 441	Water and Wastewater	3
Enph 443	Microbial Safety of Food	4
Enph 445	Hazardous and Solid Waste Management	3
Enph 450	Epidemiology	3
Enph 460	Fundamentals of Industrial Hygiene	3
Enph 464	Occupational Safety Management	3
Enph 475	Pest Control Management	3
Enph 480	Environmental Law	3
Enph 490	Environmental Toxicology and Risk Management	3
		40
III. General Education		
Category I-B		
Math 108	Earth Algebra or competency to enter Math 111	0-4
<small>(Math 109 Algebra for Calculus is also acceptable in place of Math 108 for the ENPH Program; however, Math 109 is not a GE course)</small>		
Math 246	Elementary Statistics	4
Category II		
Biol 110	Ecology and Evolution	4
Chem 103	General Chemistry I	5
Chem 104	General Chemistry II	5
Phys 211	General Physics	5
Phys 212	General Physics	4
Category III		
Econ 268	Environmental Economics	3

NOTE: For Categories I-A, IV, and the remainder of III, the student will fulfill the University General Education requirements as described in this catalog.

Satisfactory/Unsatisfactory Policy. The only credits that may be earned under the Satisfactory/Unsatisfactory option are for Independent Study. S/U credits may not total more than three.

Other Graduation Requirements. Students in the ENPH Program must meet all University graduation requirements, including those for English competency, Wellness, total credits, GPAs, Cultural Diversity, Foreign Language/Foreign Culture, and University residency. University portfolios are supported through portfolios used within specific courses.

Internship. Between the junior and senior year, each student will be required to enroll in the summer practicum (ENPH 435) and pay fees to the University. The ten-week off-campus practicum will be a full-time work experience with a health-related agency or industry. Students anticipating enrollment in the practicum should notify the Environmental Public Health faculty no later than February 1, and enroll in ENPH 432 (Preparation for Practicum) the spring semester prior to their summer practicum (ENPH 435).

PUBLIC HEALTH PROFESSIONS

ENPH

ENPH 210 Introduction to Environmental Health

3 crs. • F, Sp • W; GE-V

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• A basic understanding and interest in science is recommended prior to enrollment in this course. Wellness for 1 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.

ENPH/NRSG 225 Introduction to Public Health

3 crs. • V • W; CD1; GE-V • A-F Grades Only

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• Wellness for one credit.

Examines population health and disease considering historical and current public health practice. Focus areas include cultural, political, environmental, and socio-economic influences that increase population vulnerability and risk. Effectiveness of public health interventions is analyzed.

ENPH 291 Special Topics

1-3 crs. • V • *May be repeated for a maximum of 6 credits* • Instructor Consent Required

Lecture/Discussion Hours: 1-3 | Lab/Studio Hours: 0

A variable content course consisting of topics of special interest to students and faculty that are not covered in other environmental health courses.

ENPH 322 Radiological Health

3 crs. • F • P: PHYS 211 and 212

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Provides an overview of the types of radiation, sources, measurement and control of ionizing and nonionizing radiation, medical uses, protection from exposure, and current topics such as food irradiation, and nuclear power and weapons.

ENPH 399 Independent Study

1-3 crs. • F, Sp, Su • *May be repeated* • S/U Only Grade Basis • P: Minimum junior standing. • Department Consent Required

An opportunity for junior students to peruse an environmental topic of their choice. A detailed project report will be required.

ENPH 432 Preparation for Practicum

2 crs. • Sp • A-F Grades Only • P: Limited to environmental public health majors. Minimum junior standing.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 0

An interactive course covering expectations during practicum, presentations on various areas of environmental health practice, opportunities for shadowing, preparation of resumes, practice interviewing.

ENPH 435 Practicum in Environmental Public Health

2-4 crs. • Su • SL-Full • *May be repeated for a maximum of 8 credits* • P: ENPH 432. Minimum junior standing. • Instructor Consent Required

Lecture/Discussion Hours: 2-4 | Lab/Studio Hours: 0

A full-time supervised 10-week internship experience in an approved governmental agency, industry, or consulting company.

ENPH 441 Water and Wastewater

3 crs. • F • P: ENPH 210; BIOL 111 or 151; and CHEM 104 or 115 or consent of instructor.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

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.

ENPH 443 Microbial Safety of Food

4 crs. • Sp • Special Course Fee Required; Field Trip(s) Required • A-F Grades Only • P: BIOL 306, or 250 or 361 or concurrent registration in any of these three courses. No credit if taken after ENPH 442.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

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.

ENPH 445 Hazardous and Solid Waste Management

3 crs. • Sp • Field Trip(s) Required

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ENPH 450 Epidemiology

3 crs. • F • GE-V • P: MATH 245 or MATH 246 or PSYC 265

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ENPH 460 Fundamentals of Industrial Hygiene

3 crs. • Sp • P: ENPH 210 and MATH 246

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ENPH 464 Occupational Safety Management

3 crs. • F

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

• 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.

ENPH 475 Pest Control Management

3 crs. • Sp • Field Trip(s) Required • P: BIOL 111 or 151, or consent of instructor.

Lecture/Discussion Hours: 2 | Lab/Studio Hours: 2

The biology and control of rodents, household and stored food insects, insect vectors, birds, and other vertebrates of concern to public health and industry. Special emphasis placed on pesticides and their proper usage in control techniques.

ENPH 480 Environmental Law

3 crs. • Sp

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

An introduction to the system of laws associated with environmental protection in light of human health, technological, and ecological concerns. Federal regulations including CAA, CWA, RCRA, SDWA, and TSCA are discussed.

ENPH 490 Environmental Toxicology and Risk Assessment

3 crs. • F • P: BIOL 111, ENPH 210, CHEM 325 or consent of instructor.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

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.

ENPH 491 Special Topics

1-3 crs. • V • *May be repeated for a maximum of 6 credits* • Instructor Consent Required

Lecture/Discussion Hours: 1-3 | Lab/Studio Hours: 0

A variable content course consisting of advanced topics of special interest to students and faculty that are not covered in other environmental health courses.

ENPH 495 Directed Studies

1-3 crs. • F, Sp, Su • *May be repeated* • 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.

ENPH 499 Independent Study

1-3 crs. • F, Sp, Su • *May be repeated* • P: Minimum senior standing. • Department Consent Required

An opportunity for senior students to pursue an environmental topic of their choice. A detailed project report will be required.

PHP

PHP 215 Public Health Programs

3 crs. • V • P: ENPH 210

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 0

Voluntary and involuntary health programs on the local, state, federal, and world level. Emphasis given to environmental health programs and their incorporation into the total health system.

Graduate Studies

MICHAEL R. WICK, ASSOCIATE VICE CHANCELLOR FOR ACADEMIC AFFAIRS AND
DEAN OF GRADUATE STUDIES (SCHOFIELD 212) (715) 836-2721

UW-Eau Claire undergraduate students may take a limited number of graduate courses by special arrangement. (See Enrollment of Undergraduates for Graduate Credit.)

The following graduate degrees are offered at UW-Eau Claire. Further information about each degree can be found in the Graduate catalog. Applications for graduate study are available from the Office of Admissions, Schofield 112, (715) 836-4733.

Degree Programs

The Doctor of Nursing Practice (DNP) 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. Both post-master's (MSN-to-DNP) and post-baccalaureate (BSN-to-DNP) options are offered. Post-baccalaureate DNP students choose either an adult-gerontologic or a family population focus in addition to a role preparation (nurse practitioner, clinical nurse specialist, nurse administrator). More specific information is available in the UW-Eau Claire Graduate catalog.

The Master of Arts (MA) degree program is for persons who have substantial preparation in the discipline in which the degree is sought, and who wish to develop their capability in the discipline for further graduate study, for classroom instruction, for another professional role, or for self-enrichment. Master of Arts programs are available in English and history.

The Master of Business Administration (MBA) is designed to offer a broad-based background in administration, focusing on the knowledge and skills necessary for the successful leader-manager. Primarily an evening program, it allows both part-time and full-time students of varied backgrounds to complete the degree within the limits of their time demands.

The Master of Education—Professional Development (MEPD) is offered for experienced, currently employed teachers. It is designed as individualized continuing education, to help participants enhance competencies specifically related to their job needs and professional growth. Aside from one required course and a few limitations on the distribution of credits, the program of study is individually planned, with the assistance of an advising committee, to meet the participant's objectives in professional development.

The Master of Science (MS) degree program is for persons who have substantial preparation in the discipline in which the degree is sought, and who wish to develop their capability in the discipline for further graduate study, for classroom instruction, or for another professional role. The Master of Science program is available in communication sciences and disorders.

The Master of Science in Education (MSE) is offered in school psychology and special education. This degree is given in school psychology at the completion of the first year of the three-year Specialist in Education Degree program described below. The program in special education is for students who have met requirements for certification as classroom teachers in their undergraduate study and for experienced teachers who wish to pursue programs of study and preparation to teach in the areas of the behavioral disorders, learning disabilities, cognitive disabilities, or early childhood: exceptional education needs.

Master of Social Work (MSW) is offered by the University of Wisconsin-Madison School of Social Work on the University of Wisconsin-Eau Claire campus in cooperation with the Department of Social Work. The MSW program offers a social problem and social issues focus to the education and preparation of students as advanced practitioners and leaders across the fields of social work practice. Students find that the teaching of practice, knowledge, values, and skills with an analytic approach fosters the ability to acquire and translate knowledge into sound professional social work practice with individuals, families, groups, communities, and organizations. The MSW program offered on the UW-Eau Claire campus is part-time and is designed to allow students who are not able to pursue full-time study to work toward an MSW degree on a structured time-extended basis.

The **Specialist in Education (EdS)** 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. 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. 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 Master of Science in Nursing (MSN) degree is designed to prepare students in adult-gerontologic or family health nursing to assume leadership and scholarship roles in advanced professional nursing. Students are prepared for roles in nursing education. After admission to the program, students complete approximately 41-42 graduate credits for the MSN degree. Individuals interested in pursuing the nurse practitioner, clinical nurse specialist, or administration role preparations need to apply to the post-baccalaureate Doctor of Nursing Practice (BSN-to-DNP) degree option, in keeping with the American Association of Colleges of Nursing (AACN) decision to transition advanced nursing preparation to the Doctor of Nursing Practice (DNP) degree level. More specific information is available in the UW-Eau Claire Graduate Catalog.

The Master of Science in Teaching (MST) is for students who have met requirements for certification as teachers in their undergraduate study and for experienced teachers who wish to pursue the master degree in a field of teaching. Program emphases are available in elementary education, English, and reading.

Admission Requirements and Regulations

Applications for admission may be obtained from the Admissions office and should be submitted at least 30 days prior to the planned date of initial registration in courses. Some programs have earlier dates. Check the respective program description in the Graduate catalog.

Full Standing: Applicants whose undergraduate GPA from their baccalaureate degree granting institution is 2.75 (a grade of A equals four points) 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 as conditional students upon recommendation of the Program Director, College Dean, and Graduate Dean, when other sufficient evidence of ability to carry out graduate work is available. Additional conditions or requirements for admission also may be specified by particular degree programs.

Admission as a "graduate special" student is possible. Special Students are individuals who take classes for credit but are not pursuing a degree.

Complete information is available in Schofield 112, or by calling (715) 836-4733.

Graduate Financial Aid Information

A variety of financial aid programs is available to students who are admitted to graduate programs at UW-Eau Claire. Interested students should make inquiries during their junior year, and they are encouraged to initiate the application procedures at the beginning of the senior year.

An application for graduate fellowships, assistantships, and Advanced Opportunity Program awards for economically disadvantaged and minority students is available from the Office of Admissions, Schofield 112, (715) 836-4733. The Director of the Center for International Education assists students in applying for grants for study in other countries and the Fulbright Graduate Study Abroad Program. Information about loans, work-study employment, or other forms of need-based financial aid may be obtained from the Financial Aid office, Schofield 115, (715) 836-3373.

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FACULTY AND ACADEMIC STAFF

As of the 2012-2013 catalog, the faculty and academic staff listing can be found online at the following address:

<http://www.uwec.edu/Registrar/catalogs/index.htm>

List updated periodically.

To make corrections, please email Human Resources Data Review at persnl02@uwec.edu.

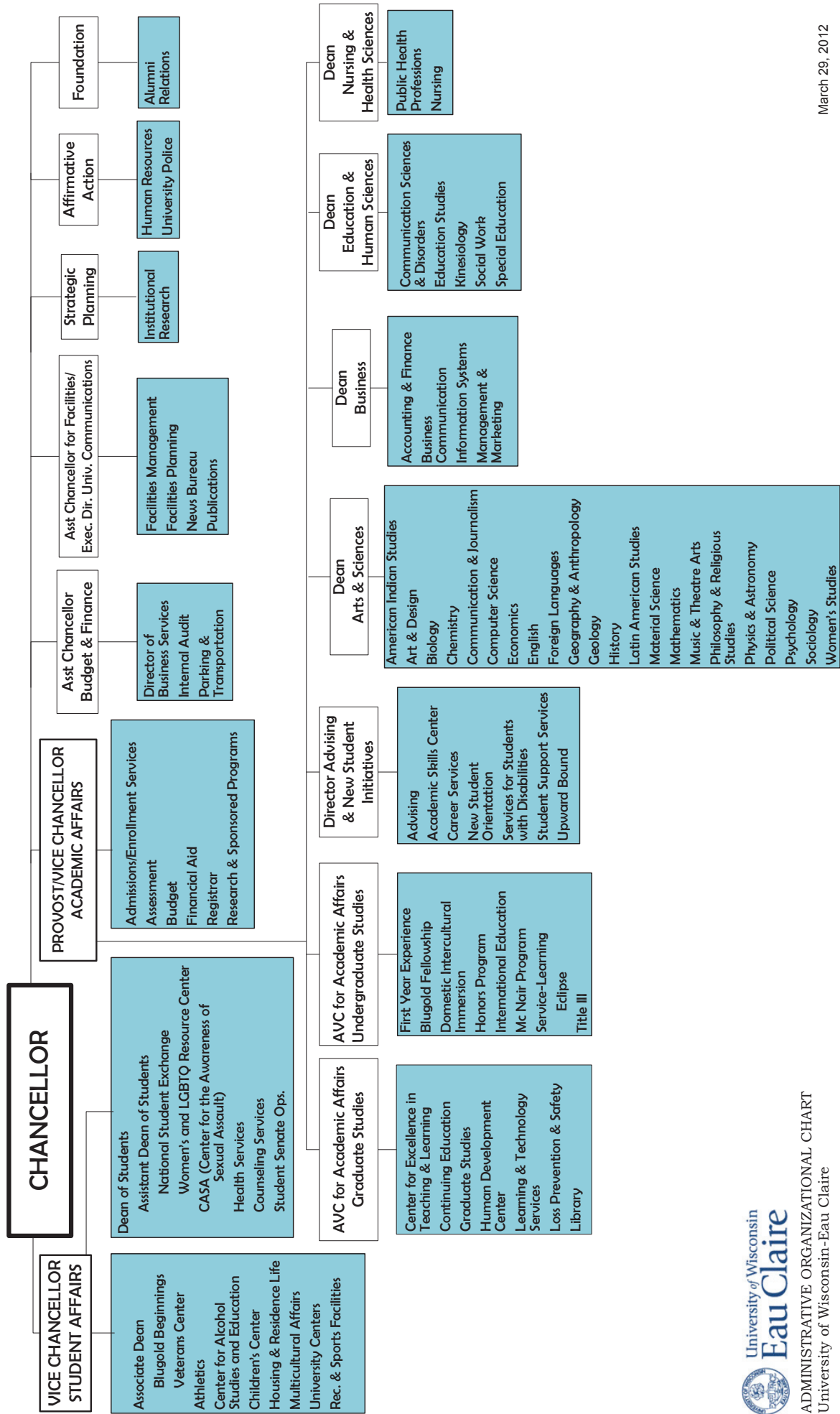
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<http://www.uwec.edu/Registrar/catalogs/index.htm>

Effective March 15th, 2012

To make corrections, please email Deb Lang in the Chancellor's Office at langda@uwec.edu.



March 29, 2012

ABBREVIATIONS

COURSE PREFIXES

Acct	Accounting
AIS	American Indian Studies
Anth	Anthropology
Art	Art
Arth	Art History
Bcom	Business Communication
Biol	Biology
Bsad	Business Administration
CE	Computer Engineering
Chem	Chemistry
Chin	Chinese
CJ	Communication/Journalism
CND	Collaborative Nursing Degree
CPSC	Computational Science
Crmj	Criminal Justice
CS	Computer Science
CSD	Communication Sciences and Disorders
Dnce	Dance
DNP	Doctor of Nursing Practice
Econ	Economics
Engl	English
Enph	Environmental Public Health
ES	Education Studies
ESL	English as a Second Language
Fin	Finance

Flg	Foreign Language
Fltr	Foreign Literature in Translation
Fren	French
Gen	General Courses
Geog	Geography
Geol	Geology
Germ	German
Grk	Greek
HASA	Health and Aging Services Administration
Hcad	Health Care Administration
Hist	History
Hmng	Hmong
Hnrs	Honors Colloquium
Hums	Humanities
IS	Information Systems
Idis	Interdisciplinary Studies
Inta	International Studies Abroad
Ints	International Studies
Intx	International Studies Exchange
Japn	Japanese
Kins	Kinesiology
LAS	Latin American Studies
Lat	Latin
Lmed	Library Science and Media Education
LS	Liberal Studies

Math	Mathematics
MBA	Master of Business Administration
Mgmt	Management
Mktg	Marketing
Msci	Materials Science
MSL	Military Science and Leadership
Mued	Music Education
Musi	Music
Mutx	Music Therapy
Nrsg	Nursing
Phil	Philosophy
Phys	Physics
Pols	Political Science
Psyc	Psychology
PHP	Public Health Professions
PSAS	Professional Studies Arts and Sciences
PSB	Professional Studies Business
Rels	Religious Studies
Russ	Russian
Soc	Sociology
Span	Spanish
Sped	Special Education
SW	Social Work
Thea	Theatre Arts
Wmns	Women's Studies

ACADEMIC BUILDING ABBREVIATIONS

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

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, Winter, Spring, Summer, or Varies (inquire in department)
iBT	internet based test
GPA	grade point average
P	prerequisite(s) to the course
S/U	Satisfactory/Unsatisfactory

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

CATEGORY ABBREVIATIONS

AC	Activity
CD1	Cultural Diversity, one credit
CD2	Cultural Diversity, two credits
CD3	Cultural Diversity, three credits
CD-Variable	Cultural Diversity, variable credit
CP	Capstone
FC	Foreign Culture
FYE	Freshman Year Experience
GE-IA	General Education-Communication/Language Skills
GE-IB	General Education-Communication/Analytical Skills
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
HONOR	Honors Course
IN	Internship
LS	Lab Science
NF	New Freshman
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

NOTE: Starting in the 2012-2013 catalog, courses will no longer be listed as "Not for GE." If a GE category is not listed, the course is not for GE.

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FACULTY AND ACADEMIC STAFF (2011-2012)

IMPORTANT NOTE: The 2011-2012 Faculty and Academic Staff list marks the first year that the list was compiled using the Human Resources information system database. Due to this new database process, the original list contained errors. The list was cross-checked and recompiled by hand in the Registrar's Office during the 2012-2013 academic year. As such, if edits are required for this list, they should be directed to catalog@uwec.edu in the Registrar's Office rather than Human Resources. Thank you very much.

ALI R. ABOOTALEBI (1997)

Professor—Political Science.
B.A., M.A., U. of Washington;
M.A., Ph.D., U. of Arizona.

JULIE D. ADLER (1996)

Senior Lecturer—Foreign Languages.
B.A., M.S., UW-Madison.

CHRIS R. AHRENDT (2010)

Assistant Professor—Mathematics.
B.S., Dakota State U.;
M.S., Ph.D., U. of Nebraska-Lincoln.

NORAH M. AIRTH-KINDREE (2005)

Assistant Professor—Nursing.
B.S., Oral Roberts U.;
B.S.N., Creighton U.;
M.S.N., UW-Eau Claire;
D.N.P., U. of Minnesota-Twin Cities.

CINDY ANN ALBERT (1998)

Instructional Program Manager II—Center for Excellence in Teaching and Learning.
B.S., M.S., UW-La Crosse.

MARK ALFUTH (2004)

Lecturer—Accounting and Finance.
B.S., UW-Eau Claire;
M.B.A., U. of Minnesota-Twin Cities.

JANET L. AMANN (2010)

Assistant Professor—Education Studies.
B.S., M.E.P.D., UW-La Crosse;
Ph.D., UW-Milwaukee.

JULIE B. AMINPOUR (2004)

Outreach Program Manager I—Continuing Education.
B.F.A., M.M., U. of South Dakota.

ARI S. ANAND (2008)

Assistant Professor—Geography and Anthropology.
B.A., Hope Col.;
M.A., Ph.D., U. of Arizona.

ROBERT N. ANDERSEN (1990)

Associate Professor—Mathematics.
B.A., B.Ed., M.Ed., Central Washington State Col.;
M.S., Ph.D., Oregon State U.

JASON JON ANDERSON (2007)

Event Production Coordinator—University Centers.
B.F.A., UW-Stevens Point;
M.F.A., Northern Illinois U.

JULIE A. ANDERSON (2001)

Associate Professor—Biology.
B.A., Luther Col.;
Ph.D., Northwestern U.

KRISTINA C. ANDERSON (2001)

Executive Director—Enrollment Services and Admissions.
B.A., Albright Col.;
M.Ed., Col. of William and Mary.

ROBERT ANDERSON (2003)

Lecturer—Music and Theatre Arts.
B.M., Indiana University;
M.M., Catholic University of America.

NICOLE S. ANDREWS (2008)

Outreach Specialist for Health and Human Services—Continuing Education.
B.A., M.Ed., U. of Minnesota.

TIFFANY M. ANKENY (2005)

Clinical Instructor—Nursing.
B.S.N., M.S.N., UW-Eau Claire.

GWENDOLYN N. APPLEBAUGH (1986)

Professor—Mathematics.
B.S., Northern Illinois U.;
M.A., Northern Michigan U.;
Ph.D., Kansas State U.

WILLIAM K. APPLEBAUGH (1987)

Associate Professor—Mathematics.
B.S., M.S., Kansas State Col. of Pittsburgh;
Ph.D., Kansas State U.

ROBERTO ARANOVICH (2010)

Lecturer—Foreign Languages.

B.A., Universidad de Buenos Aires, Argentina;

M.A., Universidad Nacional del Comahue, Argentina.

CAREY APPLGATE (2011)

Assistant Professor—English.

B.A., Illinois State University;

M.A., University of Mississippi.

Ph.D., Illinois State University.

JONATHAN ARMEL (2011)

Assistant Professor—Mathematics.

B.A., Oberlin College;

Ph.D., University of California, San Diego.

RAJARSHI AROSKAR (2002)

Associate Professor—Accounting and Finance.

B.S., M.B.A., U. of Pune, India;

Ph.D., U. of Texas at Arlington.

JOSEPHINE M. ARRIOLA (2001)

Clinical Instructor—Nursing.

B.A., Col. of St. Scholastica;

M.S.N., UW-Eau Claire.

SUSAN K. AUSMAN (1981)

Assistant Director—Financial Aid.

B.A., UW-Eau Claire;

M.S., UW-Stout.

ROSE-MARIE AVIN (1987)

Professor—Economics.

B.B.A., Baruch Col.;

Ph.D., U. of Maryland.

MICHAEL AXELROD (2008)

Director—Human Development Center; Associate Professor—Psychology.

B.A., M.E., St. Lawrence U.;

Ph.D., Indiana U.

ROBERT J. BACA (1986)

Professor—Music.

B.M.E., M.M., Indiana U.

JOHN G. BACHMEIER (2001)

Director of Alumni Relations—Development/Alumni Relations.

B.S., UW-Eau Claire.

JACQUELINE M. BAILEY (2006)

Associate Lecturer—English.

B.A., M.A., UW-Eau Claire.

ROBIN K. BAKER (2001)

Assistant Softball Coach/Business

Manager—Athletics.

B.A., Augustana Col.;

M.S., St. Cloud State U.

JOHN BALTES (1966)

Director—Loss Prevention and Safety.

B.S., M.A., Illinois State U.

RYAN J. BANASZAK (2000)

Senior Residence Hall Director—Housing and Residence Life.

B.S., UW-Eau Claire.

LI-YING BAO (1996)

Professor—Art & Design.

B.A., Coe Col.;

M.A., U. of Northern Iowa;

M.F.A., Iowa State U.

DEBRA K. S. BARKER (1993)

Academic Program Director—American Indian Studies; Professor—English.

B.S., Ball State U.;

M.A., U. of Missouri-Columbia;

Ph.D., Ball State U.

WILLIAM M. BARRE (2008)

Lecturer—Communication and Journalism.

B.S., Bradley U.;

M.S., U. of Illinois at Urbana-Champaign.

JAMES D. BARRETT (2011)

Registrar.

B.A., Manhattanville Col.;

M.A.T., Sacred Heart U.

ROBERT J. BARTH Jr. (1979)

Associate Professor—Geography and Anthropology.

B.A., U. of Pittsburgh;

M.A., Ph.D., U. of Illinois.

PAULINE BASURTO (2009)

Associate Lecturer—Foreign Languages.

B.A., Flagler College;

M.A., UW-Eau Claire.

ROSEMARY L. BATTALIO (2000)

Department Chair—Special Education;

Associate Professor—Special Education.

B.S., UW-Eau Claire;

M.E., Ph.D., U. of Utah.

ALICE M. BAYERL (2002)

Director—Services for Students with Disabilities.

B.A., Moorhead State U.;

M.Ed., UW-Stout.

EDWARD A. BEACH (1997)

Professor—Philosophy and Religious Studies.

B.A., Yale U.;

Ph.D., Stanford U.;

Ph.D., Northwestern U.

D'ARCY A. BECKER (1995)

Department Chair—Accounting and Finance;

Professor—Accounting and Finance.

B.B.A., M.B.A., Ph.D., UW-Madison.

LAYLA R. BECKERMANN (2007)

Student Services Specialist—GEAR UP Program.

B.S., UW-Superior.

TAMMY M. BEDNAR (2007)

Lecturer—Continuing Education.

B.S., M.S., UW-Stout.

ROBIN YOUNG BEEMAN (1993)

*Marshfield Site Coordinator—College of Nursing
and Health Sciences;*

Associate Professor—Nursing.

B.S.N., M.S.N., UW-Eau Claire;

Ph.D., UW-Madison.

RANDALL R. BEGER (1991)

Professor—Political Science.

B.A., Carthage Col.;

M.A., Ph.D., Southern Illinois U.-Carbondale.

MARY A. BELKNAP (2010)

Associate Counselor—Counseling Services.

B.S., M.S., UW-Stout.

TRUDY BEMENT (2011)

Student Services Coordinator—Student Support Services.

B.S., UW-Eau Claire;

M.S., UW-Stout.

ERICA J. BENSON (2003)

Associate Professor—English.

B.A., U. of South Florida;

M.A., U. of South Carolina;

Ph.D., Michigan State U.

KELLY S. BERG-SCHWARTZ (2005)

Academic Adviser—College of Education and Human Sciences.

B.S., UW-Eau Claire;

M.S.E., UW-La Crosse.

MARILYN A. BERGMANN (1989)

*Coordinator/Distance Learning and Technology
Services—College of Business.*

B.A., Clarke Col.;

M.A., Mankato State U.

CATHERINE M. BERRY (2003)

Clinical Instructor—Nursing.

B.S.N., Alverno Col.;

M.S.N., U. of Texas at Austin.

JUDY A. BERTHIAUME (1993)

Senior Editor—News Bureau.

B.A., M.E.P.D., UW-Eau Claire.

SUDEEP BHATTACHARYAY (2007)

Assistant Professor—Chemistry.

B.S., M.S., Indian Institute of Technology, India;

Ph.D., Jadavpur U., India.

LORI A. BICA (2000)

Department Chair—Psychology;

Associate Professor—Psychology.

B.A., Michigan State U.;

M.A., Ph.D., The Ohio State U.

APRIL BLESKE-RECHEK (2003)

Associate Professor—Psychology.

B.A., UW-Madison;

Ph.D., U. of Texas at Austin.

MELISSA R. BOELLAARD (2005)

Clinical Instructor—Nursing.

B.S.N., M.S.N., UW-Eau Claire.

JANICE M. BOGSTAD (1990)

Professor—Library Services.

B.A., M.A., M.L.S., Ph.D., UW-Madison.

JOEY E. BOHL (1993)

Assistant Director—Admissions.

B.A., UW-Eau Claire;

M.E., Ohio U.

IVY BOHNLEIN (2011)

Assistant Director—Honors Program.

B.A., Ph.D., Arizona State University;

M.A., University of Arizona.

DAVID BOLEY (2005)

Associate Lecturer—Education Studies.

B.A., U. of Maryland College Park;

M.A.T., John Hopkins University.

JON R. BOLLINGER (1994)

Student Services Program Manager II—University

Recreation and Sport Facilities.

B.S., UW-La Crosse;

M.E., Texas Tech U.

MARCIA C. BOLLINGER (1988)

Senior Media Specialist—College of Nursing and
Health Sciences.

B.A., Col. of St. Catherine;

M.A., UW-Madison.

JOSEPH M. BONNER (2006)

Associate Professor—Management and Marketing.

B.S., U. of New Hampshire;

M.B.A., UW-Madison;

Ph.D., U. of Minnesota.

JACQUELINE K. BONNEVILLE (2003)

Assistant-Dean—Student Affairs/Dean of Students.

B.B.A., U. of Minnesota, Duluth;

M.S., UW-Whitewater;

Ed.S., UW-Stout.

MELISSA J. BONSTEAD-BRUNS (2000)

Department Chair—Sociology;

Associate Professor—Sociology.

B.A., Wartburg Col.;

M.A., Ph.D., U. of Iowa.

JAMES E. BOULTER (2004)

Associate Professor—Chemistry.

B.S., Pacific Lutheran U.;

Ph.D., U. of Colorado, Boulder.

KRISTINA A. BOURNE (2005)

Assistant Professor—Management and Marketing.

B.A., B.B.A., U. of Minnesota-Duluth;

M.B.A., Ph.D., U. of Massachusetts.

KATHERINE L. BOWMAN (2009)

Associate Lecturer—Women's Studies.

B.A., UW-Eau Claire;

M.S., Minnesota State U.

ARTHUR E. BRANDT (2000)

Lecturer—Special Education; Head Swimming and Diving Coach—Athletics.

B.S.Ed., Miami U.;

M.E.P.D., UW-Eau Claire.

CHERYL L. BRANDT (1985)

Associate Professor—Nursing.

B.S., Southwest Missouri State U.;

M.S., Ph.D., U. of Minnesota-Minneapolis.

JENNIFER R. BRAYTON (2008)

Assistant Athletic Trainer—Athletics.

B.S., M.E.P.D., UW-Eau Claire.

DONALD L. BREDLE (1997)

Associate Professor—Kinesiology.

B.G.S., M.S., Ph.D., Indiana U.

DAVID A. BROCK (2010)

Associate Lecturer—Art & Design.

B.A., U. of Northern Colorado;

M.F.A., Bowling Green State U.

ANSEL K. BROOKS (1999)

Senior Artist—Publications.

B.A., Coe Col.

F. REED BROWN (2009)

Assistant Professor—Music and Theatre Arts.

B.A., U. of South Florida;

M.F.A., Illinois State U.

JOSHUA BROWN (2011)

Assistant Professor—Foreign Languages.

B.A., Millersville University of Pennsylvania;

Ph.D., Pennsylvania State University.

MELISSA BRUCE (2011)

Assistant Professor—Education Studies.

B.A., Cornell College;

M.A., Ph.D., New Mexico State University;

M.A., University of Iowa.

MARY JANE BRUKARDT (2007)

Special Assistant to the Chancellor for Strategic Planning.

B.A., Wilfred Laurier U.;

M.A., Indiana U.

WINNIFRED M. BRYANT (2004)

Associate Professor—Biology.

B.S., Shorter Col.;

M.S., Ph.D., Miami U.

KYLE D. BUCHMANN (2008)

Major Gifts Officer—Development/Alumni Relations.

B.B.A., UW-Eau Claire.

THERESA S. BUCKLEY (2010)

Clinical Instructor—Nursing.

B.S.N., M.S.N., UW-Eau Claire.

RODOLFO G. BUISER (1995)

Assistant Professor—Biology.

B.S., Allegheny Col.;

Ph.D., U. of Rochester.

WANRUDEE BURANAKORN (2007)

Assistant Professor—Art & Design.

B.Com.Arts., Sukhothai Thammathirat Open U., Thailand;

B.Ed., Silpakorn U., Thailand;

M.F.A., M.F.A., U. of Alabama.

CHARLENE P. E. BURNS (2001)

Professor—Philosophy and Religious Studies.

B.S., Armstrong State Col.;

M.A., Loyola U.;

Ph.D., Vanderbilt U.

JACK BUSHNELL (1994)

Professor—English.

B.A., U. of Colorado;

M.A., Ph.D., Rutgers U.

JENNIFER BUSHNELL (2010)

Lecturer—Philosophy and Religious Studies.

B.S., UW-Madison;

M.A., St. John's University.

LESLIE CALLIHAN (2011)

Study Abroad Coordinator—International Education.

B.A., Ohio University.

MARY K. CANALES (2009)

Associate Professor—Nursing.

B.S.N., UW-Madison;

M.S.N., Georgetown U.;

Ph.D., UW-Madison.

NORMAN F. CARD (1970)

Electronic Maintenance and Desktop Manager—Learning and Technology Services.

A.A.S., Western Wisconsin Tech. Inst.;

A.A., Chippewa Valley Technical College.

BRIAN A. CARLISLE (2010)

Dean of Students—Student Affairs.

B.S., M.A., U. of Alabama;

J.D., Southwestern U. School of Law.

MICHAEL J. CARNEY (2000)

Department Chair—Chemistry;
Professor—Chemistry.
B.S., UW-Eau Claire;
Ph.D., Harvard U.

WAYNE D. CARROLL (1986)

Department Chair—Economics;
Professor—Economics.
A.B., U. of Chicago;
Ph.D., U. of Minnesota.

MARIA CARVALHO (2011)

Associate Student Service
Coordinator—International Education.
B.S.W., UW-Eau Claire.

MARGARET L. CASSIDY (1982)

Associate Dean for Academic Affairs and
Curriculum—College of Arts and Sciences;
Professor—Sociology.
B.A., M.A., Ph.D., Washington State U.-Pullman.

BRENDA MARIE CATT (2011)

Associate Lecturer—Accounting and Finance.
B.B.A., M.B.A., UW-Eau Claire.

SHYAM S. CHADHA (1984)

Professor—Mathematics.
B.S., M.S., Ph.D., U. of Delhi, India.

VEENA CHADHA (1984)

Professor—Mathematics.
B.A., M.A., U. of Delhi, India;
Ph.D. Gurukula-Kangri, Vishwavidyalaya, India.

OSCAR B. CHAMBERLAIN (1997)

Senior Lecturer—History.
B.A., North Texas State U.;
M.A., Texas Tech U.;
Ph.D., U. of South Carolina.

CHRISTINA C. CHAN-WEIHER (2010)

Laboratory Technician—Biology.
B.S., U. of Waterloo;
M.S., U. of Ottawa, Canada.

JENNIFER J. CHAPMAN (2008)

Assistant Professor—Music and Theatre Arts.
B.A., San Francisco State U.;
M.A., Ph.D., UW-Madison.

J. QUINCY CHAPMAN (2010)

Assistant Director for Leadership and Education—Housing and Residence Life.
B.S., M.E., Ohio U.

SANJUKTA CHAUDHURI (2008)

Assistant Professor—Economics;
Assistant Professor—Women's Studies.
B.S., Presidency Col., India;
M.B.A., Xavier Institute of Management, India;
M.Phil., Ph.D., The City U. of New York.

SUDHEER CHAVA (2011)

Senior Research Specialist—Chemistry.
M.S., Sri Sathya Sai Institute;
Ph.D., Indian Institute of Tech Kanpur.

LAURA G. CHELLMAN (1988)

Director—Student Health Service.
B.S.N., M.S.N., UW-Eau Claire.

PETER A. CHELLMAN (1998)

Employee Assistance Program
Coordinator—Counseling Services.
B.A., St. Olaf Col.;
M.S., UW-Stout.

SHU-CHUAN CHENG (2007)

Chinese Program Coordinator—International Education.
B.A., Tunghai U., Taiwan.

ELIZABETH A. CHMIELEWSKI (1980)

Senior Lecturer—Communication and Journalism.
B.A., John Carroll U.;
A.M., U. of Michigan.

TERRENCE L. CHMIELEWSKI (1979)

Professor—Communication and Journalism.
B.Ed., U. of Toledo;
M.A., Miami U., Oxford, Ohio;

Ph.D., Temple U.

CAROLYN F. CHRISTIAN (2010)

Clinical Instructor—Communication Sciences and Disorders.

B.S., M.S.T, UW-River Falls.

SCOTT K. CLARK (2010)

Assistant Professor—Geology.

B.S., U. of Kansas;

M.S., U. of Iowa;

Ph.D., U. of Illinois at Urbana-Champaign.

TERRY L. CLASSEN (1985)

Director—Facilities Planning and Management.

B.A., Col. of St. Thomas;

B.S., U. of Notre Dame.

LISA M. COEN (2007)

Preschool Teacher—Children's Center.

B.S., Bemidji State U.

ANN COLLIER (2011)

Senior Academic Planner—Academic Affairs;

Senior Lecturer—Psychology;

Senior Lecturer—Women's Studies.

B.S., M.S., Ph.D., University of California—Los Angeles.

MICHAEL J. COLLINS (2000)

Head Women's Ice Hockey Coach—Athletics;

Senior Lecturer—Kinesiology.

B.S., UW-River Falls;

M.A., Ohio U.

SHANNON M. COLLINS (2001)

Clinical Assistant Professor—Communication Sciences and Disorders.

B.S., UW-River Falls;

M.A., Washington State U.

JANICE M. CONNOLLY (1992)

Senior Lecturer—Business Communication.

B.S., Western Illinois U.;

M.B.A., UW-Eau Claire.

BENJAMIN J. CORBETT (2010)

Residence Hall Director—Housing and Residence Life.

B.A., St. Cloud State U.;

M.Ed., Grand Valley State U.

CREANNA M. COTE (2008)

Counselor—Admissions.

B.S., UW-Eau Claire.

CLAIRE COUILLARD (2011)

Outreach Specialist—Arts & Sciences Personal Enrichment Program, Continuing Education.

B.A., UW-Eau Claire;

M.S., UW-Stout.

VICKY L. CRANE (1985)

Senior Lecturer—Sociology.

B.A., UW-Eau Claire;

M.A., U. of Minnesota.

RUTH J. CRONJE (2000)

Associate Professor—English.

B.A., M.A., Ph.D., U. of Minnesota.

MIRANDA K. CROSS-SCHINDLER (2011)

Military Education Benefits Coordinator—Records and Registration.

B.B.A., M.B.A., UW-Eau Claire.

MARIE (MICKEY) K. CROTHERS (1997)

Professor—Psychology.

B.M., UW-Eau Claire;

M.A., U. of Houston-Clear Lake;

Ph.D., U. of Minnesota.

JEFFERY W. CROWELL (2002)

Associate Professor—Music and Theatre Arts.

B.A., California State U.;

M.A., Eastern Illinois U.;

D.M.A., U. of Southern California.

LORI CRUCIANI (1998)

Lecturer—Music and Theatre Arts.

B.M., M.M., UW-Eau Claire.

MARIA N. DaCOSTA (1989)

Professor—Economics.

Licenciatura, U. of Oporto, Portugal;

M.S., Ph.D., Northeastern U.

BART J. DAHL (2010)

Assistant Professor—Chemistry.

B.S., UW-Oshkosh;
Ph.D., U. of Oregon.

JENNIFER A. DAHL (2010)

Assistant Professor—Materials Science Program.

B.S., UW-Oshkosh;
M.S., Ph.D., U. of Oregon.

ANGELA L. DALHOE (2008)

Assistant Professor—Special Education.

B.A., UW-Eau Claire;
M.S., UW-Stout;
Ph.D., Michigan State U.

MARGARET McNAMARA DANGERFIELD (2002)

Lecturer—Psychology.

B.A., M.S.E., UW-Eau Claire.

BARBARA J. DAVIS (2001)

Clinical Instructor—Nursing.

B.S.N., UW-Milwaukee;
M.S.N., U. of Minnesota.

HERSCHEL DAY (2011)

Assistant Professor—Mathematics.

B.A., Luther College.

KERRY L. DAY (2008)

Residence Hall Director—Housing and Residence Life.

B.A., State U. of New York at Purchase;
M.E., Grand Valley State U.

PATRICK L. DAY (1998)

Associate Professor—Foreign Languages.

B.A., M.A., U. of Montana;
Ph.D., Tulane U.

ANALISA E. DE GRAVE (2003)

Associate Professor—Foreign Languages.

B.A., Gustavus Adolphus Col.;
M.A., Ph.D., UW-Madison.

JEFF R. DE GRAVE (2005)

Lecturer—Geography and Anthropology.

B.A., Ohio U.;
M.A., Florida State U.

ARAM DEKOVEN (2008)

Assistant Professor—Education Studies.

B.A., State University of New York at Oswego;
M.S., Mercy Col.;
M.S., Ph.D., Cornell U.

JEAN M. DE LISLE (2003)

Head Gymnastics Coach.

B.S., UW-River Falls.

STEPHEN D. DEMPSEY (2002)

Associate Professor—Special Education.

B.S., Briar Cliff Col.;
M.S., UW-La Crosse;
Ph.D., Oregon State U.

MARCELA A. DEPIANTE (2008)

Assistant Professor—Foreign Languages.

B.A., U. of Massachusetts;
M.A., U. of Maryland;
M.A., Ph.D., U. of Connecticut.

CHRISTIN A. DEPOUW (2008)

Assistant Professor—Education Studies.

B.A., M.E.P.D., UW-La Crosse;
Ph.D., U. of Illinois at Urbana-Champaign.

MARGARET M. DEVINE (1982)

Academic Planner—College of Business.

B.S., Marquette U.;
M.B.A., UW-Eau Claire;
Ph.D., UW-Madison.

RANDAL C. DICKERSON (2000)

Associate Professor—Music and Theatre Arts.

B.M.E., M.M.E., U. of Southern Mississippi;
Ed.D., U. of Illinois at Urbana-Champaign.

EMMA RUTH DIESTELMEIER (2008)

Clinical Instructor—Nursing.

B.S.N., Wilkes U.;
M.S.N., UW-Eau Claire.

JULIA A. DIGGINS (2007)

Academic Adviser—Advising and New Student Initiatives.

B.A., UW-Eau Claire;
M.S.E., UW-La Crosse.

ELLEN DIXON (2011)

Associate Artist—Music and Theatre Arts.
A.A.S., Parsons School of Design
B.A., Gordon College.

JESSE L. DIXON (1994)

Director—Multicultural Affairs.
B.S., UW-Eau Claire;
M.S., UW-Stout;
Ed.D., Nova Southeastern U.

GARY W. DON (2001)

Associate Professor—Music and Theatre Arts.
B.A., U. of California;
M.A., Ph.D., U. of Washington.

MICHAEL D. DORSHER (2000)

Associate Professor—Communication and Journalism.
B.A., U. of St. Thomas;
M.P.A., U. of North Dakota;
Ph.D., U. of Maryland.

MARY BETH DOUD (2005)

Lecturer—Communication and Journalism.
B.S., Augustana College;
M.S., Illinois State University.

DIANE N. DOUDNA (2006)

Director of Annual Giving and Major Gifts
Officer—Development/Alumni Relations.
B.M., Lawrence U.

JANET M. DRIEVER (1984)

Senior Lecturer—Communication and Journalism.
B.A., UW-Eau Claire;
M.A., Purdue U.

STEPHEN DRUCKER (1998)

Professor—Chemistry.
B.S., U. of Virginia;
A.M., Ph.D., Harvard U.

DAWNA M. DRUM (1996)

Coordinator of Instructional Technology—College of Business;
Lecturer—Accounting and Finance; Information Systems.
B.B.A., UW-Eau Claire;
M.B.A., Edgewood Col.

DAN L. DRUMM (1988)

Senior Systems Programmer—Learning and Technology Services.
B.S., UW-Madison.

SELIKA M. DUCKSWORTH-LAWTON (1993)

Campus Equity, Diversity, and Inclusivity Fellow—Chancellor's Office;
Associate Professor—History.
B.A., M.A., Ph.D., Ohio State U.

COLLEEN M. DUFFY (2008)

Assistant Professor—Mathematics.
B.A., U. of St. Thomas;
Ph.D., Rutgers U.

DOUGLAS J. DUNHAM (1999)

Co-Director—Materials Science Program;
Professor—Physics and Astronomy.
B.A., Beloit Col.;
M.S., Ph.D., UW-Milwaukee.

BERNARD DUYFHUIZEN (1984)

Associate Dean for Budget, Personnel and Scheduling—College of Arts and Sciences;
Professor—English.
B.A., Fordham U.;
M.A., Ph.D., U. of Tulsa.

JAMES DZIMIELA (2011)

Counselor—Educational Opportunity Center.
B.A., UW-Eau Claire;
M.S., UW-Stout.

CHIP ECKARDT (1989)

Chief Information Officer; Campus Solutions
Project Manager—Learning and Technology Services.
B.B.A., B.B.A., UW-Eau Claire.

DEAN B. EIDE (2007)

Associate Lecturer—Management and Marketing.
B.S., UW-La Crosse;
M.B.A., Cardinal Stritch U.

ROBERT J. EIERMAN (1983)

Interim Director of Center for Excellence in Teaching and Learning;

Professor—Chemistry.

B.S., UW-La Crosse;
Ph.D., Oregon State U.

JULIE L. EKLUND (2000)

Senior Lecturer—English; Communication and Journalism.

B.A., U. of Iowa;
M.A., U. of Northern Iowa.

KENNETH B. EKLUND (2001)

Lecturer—English.

B.A., Northern Illinois U.;
M.A., UW-Eau Claire.

MARY RUTH ELGER-LONZARICH (2011)

Associate Lecturer—Biology.

B.A., U. of Colorado at Boulder;
M.S., University of Washington.

MOHAMED B. ELGINDI (1987)

Professor—Mathematics.

B.S., U. of Alexandria, Egypt;
M.S., U. of London, England;
Ph.D., Michigan State U.

EMILY ELSNER TWESME (2011)

Associate Lecturer—Business Communications.

B.A., U. of Minnesota, Morris;
M.A., UW-Eau Claire;
M.B.A., Globe University.

TONJA J. ENGLUND (2000)

Head Women's Basketball Coach—Athletics;

Senior Lecturer—Kinesiology.

B.A., M.A., U. of St. Thomas.

ROBERT C. ERFFMEYER (1990)

M.B.A. Program Director—College of Business;

Professor—Management and Marketing.

B.A., Knox Col.;
M.A., Ph.D., Louisiana State U.

JEFF S. ERGER (1999)

Professor—Sociology.

B.A., Drake U.;
M.A., Ph.D., The U. of Iowa.

BETH K. ERNST (2002)

Senior Lecturer—Foreign Languages.

B.A., Purdue U.;
M.A., M.A., The U. of Toledo.

MONTY KOZBIAL ERNST (2003)

Lecturer—English.

B.A., UW-Parkside;
M.A., Marquette U.;
Ph.D., U. of Toledo.

MATTHEW M. EVANS (1999)

Professor—Physics and Astronomy.

B.S., U. of Minnesota;
M.S., U. of Minnesota-Duluth;
Ph.D., UW-Milwaukee.

JENNIFER FAGER (2011)

Director of Assessment—Academic Affairs.

B.A., M.A., Ph.D., University of Nebraska, Lincoln.

CHARLES F. FARRELL (2006)

Director—University Centers.

B.A., U. of Minnesota;
M.E., North Dakota State U.

DOUGLAS J. FAULKNER (2000)

Associate Professor—Geography and Anthropology.

B.A., U. of Nebraska-Lincoln;
B.A., Oxford U.;
M.S., M.S., Ph.D., UW-Madison.

MARTHA J. FAY (2006)

Assistant Professor—Communication and Journalism.

B.A., Kent State U.;
M.A., U. of Dayton;
Ph.D., The Ohio State U.

GLORIA L. FENNELL (1998)

Professor Emerita—Social Work.

B.A., Aurora Col.;
M.S.W., George Williams Col.;
Ph.D., Loyola U. of Chicago.

JILL W. FERGUSON (2006)

Analytical Scientist—Materials Science Program.

B.S., St. Norbert Col.;
Ph.D., Iowa State U.

MANUEL FERNANDEZ (2003)
Associate Professor—Foreign Languages.
B.A., Florida International U.;
M.A., Ph.D., The Pennsylvania State U.

AUDREY A. FESSLER (2001)
Assistant Professor—English.
B.A., Bucknell U.;
M.A., Ph.D., U. of Michigan.

MICHAEL R. FINE (1977)
Professor—Political Science.
B.A., M.A., Ph.D., U. of California, Riverside.

STEVEN FINK (2007)
Assistant Professor—Philosophy and Religious Studies.
B.A., U. of Virginia;
M.Div., Covenant Theological Seminary;
Ph.D., The U. of Iowa.

MATTHEW W. FISH (2010)
Associate Lecturer—Accounting and Finance.
B.B.A., M.B.A., UW-Eau Claire.

CHRIS H. FLOYD (2004)
Associate Professor—Biology.
B.S., The U. of Oklahoma;
Ph.D., U. of California, Davis.

LA NETTE M. FLUNKER (1998)
Senior Lecturer—Management and Marketing.
B.S., UW-Eau Claire;
M.B.A., U. of St. Thomas.

VICTORIA FOLLETT (2011)
Director of Annual Giving—Development and Alumni Relations.
B.A., UW-Eau Claire.

LYLE A. FORD (1996)
Department Chair—Physics and Astronomy;
Professor—Physics and Astronomy.
B.S., U. of Iowa;
M.S., Ph.D., U. of California, San Diego.

SEAN A. FORD (2007)
Lecturer—English.
B.A., Colorado State U.;
M.A., Northwestern U.;
Ph.D., U. of Alabama.

PAMELA J. FORMAN (2004)
Associate Professor—Sociology.
B.S., Cornell U.;
M.A., Ph.D., U. of California, Davis.

BRANDON FOX (2011)
Assistant Professor—Education Studies.
B.S., M.Ed., Stephen F. Austin State University;
Ph.D., Texas A&M University.

JULIE FOX (2011)
Assistant Professor—Music and Theatre Arts.
B.A., University of Houston;
M.F.A., Ohio State University.

PEGGY D. FOY (1992)
Budget Coordinator—College of Arts and Sciences.
B.B.A., UW-Eau Claire;
M.S., UW-Stout.

JESSICA L. FRANSON (2003)
Lead Instructional Designer/Development Specialist—College of Business.
B.A., UW-Eau Claire;
M.Ed., U. of Missouri-Columbia.

ANTONIO T. FREEMAN (2009)
Research Coordinator—McNair Program.
B.S., UW-La Crosse;
M.A., The Wichita State U.
Ph.D., UW-Milwaukee.

RODD D. FREITAG (1997)
Department Chair—Political Science;
Professor—Political Science.
B.A., Mankato State U.;
Ph.D., The U. of Texas at Austin.

DEBORAH A. FREUND (1995)

Lecturer—Biology.
B.A., M.S., UW-Eau Claire.

MITCHELL A. FREYMILLER (1993)
Education Coordinator—Biology.
B.S.E., UW-Madison;
M.S., UW-Eau Claire.

CHRISTINE L. GABEL (1994)
Assistant Professor—Public Health Professions.
B.S., D.V.M., Ph.D., U. of Minnesota.

DONALD H. GABER (2007)
Lecturer—Information Systems.
B.S., M.S., UW-Stout.

JENNIFER A. GABLER (2005)
Residence Hall Director—Housing and Residence Life.
B.A., UW-Eau Claire;
M.S., UW-Stout.

VANDA GALEN (2009)
Department Chair—Social Work;
Professor—Social Work.
B.A., M.A., Morehead State U.;
M.S.W., Virginia Commonwealth U.;
Ph.D., U. of Minnesota.

WARREN H. GALLAGHER (1989)
Professor—Chemistry.
A.B., Albion Col.;
Ph.D., U. of Pittsburgh.

CARA M. GALLEGOS (2009)
Assistant Professor—Nursing.
B.S.N., M.S.N., U. of Alberta;
Ph.D., U. of New Mexico.

JAMES W. GANGL (2005)
Interim Technical Director—Music and Theatre Arts.
B.A., UW-Eau Claire;
M.F.A., Minnesota State U., Mankato.

NED B. GANNON (2004)
Associate Professor—Art & Design.
B.F.A., School of Visual Arts;
M.F.A., Kansas City Art Institute.

CARLOS G. GARCIA (2009)
Lecturer—Foreign Languages
B.S., Master's Degree, Tecnológico de Monterrey, Mexico.

JESSICA JO GARDNER (2008)
Career and Employment Manager—Career Services.
B.B.A., UW-Madison.

JUSTIN P. GARDNER (2006)
Instructional Program Manager II—College of Business;
Lecturer—Management and Marketing.
B.B.A., M.B.A., UW-Eau Claire.

MAX GARLAND (1996)
Professor—English.
B.A., Western Kentucky U.;
M.F.A., U. of Iowa.

CHRISTA N. GARVEY (2003)
Associate Professor—Music and Theatre Arts.
B.M., Indiana U.;
M.M., D.M.A., U. of Colorado-Boulder.

SCOTT A. GAULKE (1994)
Senior Lecturer—Mathematics.
B.S., M.A.T., UW-Eau Claire.

KEVIN D. GAWLEY (2006)
Assistant Professor—Music and Theatre Arts.
B.F.A., U. of Illinois at Urbana-Champaign;
M.B.A., DePaul U.;
M.F.A., U. of Illinois at Urbana-Champaign.

ALAN J. GENGENBACH (2002)
Associate Professor—Chemistry.
B.S., U. of Minnesota;
Ph.D., U. of Illinois.

WENDY MAKOONS GENIUSZ (2008)
Assistant Professor—Foreign Languages.
B.A., UW-Milwaukee;
Ph.D., U. of Minnesota.

KATHERINE A. GERMAN-OLSON (2008)
Clinical Instructor—Nursing.
B.S.N., M.S.N., UW-Eau Claire.

ELIZABETH H. GERMONPREZ (2007)

Assistant Coach—Athletics.
B.A., Texas A&M University.

R. MATTHEW GERMONPREZ (2005)
Associate Professor—Information Systems.
B.S., Iowa State U.;
M.S., Colorado State U.;
Ph.D., U. of Colorado, Boulder.

DAVID P. GESSNER (1981)
Assistant Chancellor—Budget and Finance.
B.B.A., M.B.A., UW-Eau Claire.

CLAUDIA M. GIAMATI (1998)
Assistant Professor—Mathematics;
Education Studies.
B.S.Ed., The Ohio State U.;
M.S., Ed.D., U. of Michigan;
Ph.D., U. of Minnesota.

TERRENCE M. GIBBONS (1989)
Athletics;
Lecturer—Kinesiology.
B.S., UW-Oshkosh;
M.A., Western State Col. of Colorado.

SHERIL GILBERSTADT (2006)
Visiting Assistant Professor—Accounting and Finance.
B.S., J.D., William Mitchell College of Law.

SABRINA GILCHRIST (2011)
Associate Lecturer—English.
B.A., M.A., UW-Eau Claire.

MARGARET E. GILKISON (1988)
Associate Professor—Political Science.
B.S.Ed., M.A., Texas Tech U.;
Ph.D., Michigan State U.

THOMAS GILLMAN (2001)
Coach—Athletics.
B.S., UW-Stout;
B.S., UW-River Falls.

DEREK J. GINGERICH (2007)
Assistant Professor—Biology.
B.S., Eastern Mennonite U.;
Ph.D., Cornell U.

MELISSA GIRARD (2011)
Assistant Professor—English.
B.A., Duquesne University;
M.A., Ph.D., Illinois State University.

R. TODD GLASER (1997)
Head Football Coach—Athletics.
B.S., M.S.E., UW-Eau Claire.

ELIZABETH GLOGOWSKI (2011)
Assistant Professor—Materials Science Program.
B.S. Carnegie-Mellon University;
M.S., Ph.D., Amherst College.

ELYSIA GOETTL (2010)
Clinical Instructor—Nursing.
B.S.N., Winona State University;
M.S.N., UW-Eau Claire.

MARTIN GOETTL (2011)
Geospatial Technology
Facilitator—Geography and Anthropology.
B.S., UW-Stevens Point.

RICARDO M. GONZALES (2008)
Director—Facilities Planning.
B.A., U. of New Mexico;
M.B.A., M.U.R.P., U. of Colorado, Denver.

JEFFREY A. GOODMAN (2008)
Assistant Professor—Psychology.
B.S., U. of Pittsburgh at Bradford;
M.A., Ph.D., The U. of Maine.

ROBERTA A. GOODMAN (2005)
Interim Director—Counseling Services.
B.M., U. of Colorado, Boulder;
M.S., UW-Stout;
Ph.D., U. of Colorado, Boulder.

VICKY L. GOSS (2008)
Sign Language Interpreter— Services for Students with Disabilities.
B.S., UW-Eau Claire.

DEBORAH M. GOUGH (1981)
Director—Advising, Academic Testing, and
New Student Orientation—Advising and New Student Initiatives.
B.A., Col. of Wooster;

A.M., Ph.D., U. of Pennsylvania.

MARC R. GOULET (1993)

Liberal Studies Program Coordinator—Arts and Sciences; Professor—Mathematics.

B.A., M.A., U. of Maine;

M.S., Ph.D., Oregon State U.

GARRY A. GRANT (2005)

Head Athletic Trainer—Athletics; Senior Lecturer—Kinesiology.

B.S., M.S.E., North Dakota State U.

JOHN J. GRAUER Jr. (2005)

Senior Lecturer—English.

B.A., Christian Brothers U.;

M.A., U. of Memphis;

Ph.D., U. of Illinois.

OBIKA B. GRAY (1994)

Professor—Political Science.

B.A., Long Island U.;

M.A., Ph.D., U. of Michigan.

PAMELA J. GRAY (1998)

Senior Physician—Student Health Service.

B.S., UW-Madison;

M.D., U. of Wisconsin Medical School.

KYLE GREEN (2011)

Coach—Athletics.

B.A., Hamline University.

ROBERT A. GREENE (2000)

Senior Lecturer—Philosophy and Religious Studies.

B.A., Columbia U.;

Ph.D., U. of Colorado.

KATHERINE R. GROTE (2004)

Associate Professor—Geology.

B.S., U. of Missouri-Rolla;

M.S., Ph.D., U. of California, Berkeley.

ARTHUR F. GULIG (1970)

Technical Director of the University Theatre—Music and Theatre Arts.

B.A., UW-Eau Claire.

VALERIE L. GUYANT (2008)

Lecturer—English.

B.S., UW-River Falls;

M.S.T., UW-Stevens Point.

PETER J. HABERMAN (2009)

Assistant Professor—Music and Theatre Arts.

B.M., Concordia Col.;

M.M., U. of Montana;

D.M.A., U. of Minnesota, Twin Cities.

JOSEPH HAFERMAN (2011)

Coordinator for Student Organizations and Late Night Activities.

B.S., UW-La Crosse;

M.S., Western Illinois University.

KAY E. HAGEDORN (1984)

Clinical Assistant Professor—Communication Sciences and Disorders.

B.S., U. of Minnesota-Duluth;

M.S., UW-Eau Claire.

BENJAMIN J. HALDER (2008)

Assistant Football Coach—Athletics.

B.S., Minnesota State U., Mankato;

M.A., Marietta Col.

JUDITH HALEY (2003)

Clinical Instructor—Communication Sciences and Disorders.

B.S., UW-Eau Claire;

M.S., UW-Milwaukee.

JASON A. HALFEN (1997)

Professor—Chemistry.

B.S., Drake U.;

Ph.D., U. of Minnesota.

GAIL M. HANSON BRENNER (2005)

Clinical Instructor—Nursing.

B.S.N., M.S.N., UW-Eau Claire.

NANCY JO HANSON-RASMUSSEN (1994)

Lecturer—Management and Marketing.

B.B.A., M.B.A., UW-Eau Claire;

Ed.D., U. of St. Thomas.

KIRBY D. HARLESS (2005)

AmeriCorps Grant Program Coordinator--Student Affairs/Dean of Students.

B.S., UW-Stevens Point;

J.D., The State U. of New Jersey.

ALICE HANSON (2011)

Student Health Nurse—Health Sciences.

B.S.N., College of St. Catherine;

M.S., UW-Stout.

DEBRA HARDING (2011)

Coordinator Field Experience & Teacher Certificate.

B.A., UW-Madison;

M.Ed., UW-La Crosse.

JENNIFER HARRISON (2011)

Assistant Professor—Mathematics.

B.S., M.A., Ph.D., Ohio University.

RYAN HARRISON (2011)

Assistant Professor—Mathematics.

B.S., M.A., Ph.D., Ohio University.

SUSAN M. HARRISON (1983)

Chair—University Senate; Professor—Mathematics.

B.S., Taylor U.;

M.A., Ball State U.;

Ph.D., U. of Minnesota.

SEAN G. HARTNETT (1984)

Professor—Geography and Anthropology.

B.A., Beloit Col.;

M.S., Ph.D., UW-Madison.

SCOTT C. HARTSEL (1988)

Professor—Chemistry.

B.S., Ohio U.;

M.S., Ph.D., Ohio State U.

MELISSA J. HARTUNG (2010)

Student Services Coordinator—Multicultural Affairs.

B.A., UW-Eau Claire.

HARRY W. HARVEY (1992)

Lecturer—Management and Marketing.

B.S., M.B.A., UW-Eau Claire.

JUDITH L. HASSE (2011)

Associate Outreach Specialist—Educational Opportunity Center.

B.A., UW-Stevens Point.

HOLLY HASSEMER (2010)

Student Services Coordinator—Academic Skills Center.

B.S., UW-Madison;

M.S., UW-Stout.

SANCHITA HATI (2006)

Associate Professor—Chemistry.

B.S., M.Sc., U. of Burdwan, India;

Ph.D., Jadabpur U.

JANE M. HAUGER (1995)

Clinical Instructor—Nursing.

B.S.N., M.S.N., UW-Eau Claire.

KAREN G. HAVHOLM (1993)

Assistant Vice Chancellor for

Research and Sponsored Programs;

Professor—Geology.

B.A., Col. of Wooster;

M.A., Ph.D., U. of Texas at Austin.

HEATHER HAYES (2010)

Lecturer—Communication and Journalism.

B.A., Trinity University;

M.A., Texas State University, San Marcos.

MARGARET A. HEBBRING (1996)

Director—GEAR UP Program.

B.A., M.E.P.D., UW-Eau Claire.

JILL HECKER FERNANDES (2002)

Clinical Instructor—Nursing.

B.S.N., Marquette U.;

M.S.N., Barry U.

RICHARD A. HEEG (1987)

Assistant Professor—Mathematics.

B.S., M.S., Ph.D., U. of Cincinnati.

STACI L. HEIDTKE (2007)

Associate Director—Career Services.

B.S.W., UW-Eau Claire;

M.S., UW-Stout.

JEREMY HEIN (1989)

Professor—Sociology.
B.A., Hampshire Col.;
M.A., Ph.D., Northwestern U.

ROBERT E. HEINTZ (2000)

Lecturer—Management and Marketing.
B.A., Indiana U.;
M.A., Wayne State U.

LOIS A. HELLAND (1989)

Senior Lecturer—Biology.
B.A., Luther Col.;
B.S., UW-Eau Claire;
M.S., U. of Minnesota.

BETH A. HELLWIG (2008)

Vice Chancellor for Student Affairs.
B.A., New Mexico State U.;
M.Ed., Colorado State U.;
Ph.D., U. of Northern Colorado.

MARK HELMKE (2011)

Development Specialist—Development and Alumni Relations.
B.A., UW-Eau Claire.

ABBY L. HEMMERICH (2010)

Assistant Professor—Communication Sciences and Disorders.
B.Ed., UW-Madison;
M.S., UW-Eau Claire.

J. ERIK HENDRICKSON (1994)

Professor—Physics and Astronomy.
B.S., UW-River Falls;
M.S., Ph.D., Michigan State U.

LISA K. HERB (1985)

Associate Professor—Kinesiology.
B.S., UW-La Crosse;
M.S., U. of Iowa.

KRISTI HERBENSON (2010)

Wisconsin Covenant Coordinator—Student Affairs and Dean of Students.
B.A., UW-Eau Claire;
M.S., UW-Stout.

DANIEL P. HERMAN (2004)

Assistant Professor—Biology.
B.S., The U. of Iowa;
Ph.D., Ohio U.

HARRY HERTEL (1982)

*Student Services Program Manager
Student Affairs/Dean of Students Office*
B.A., Carroll College;
J.D., UW-Madison.

JANE HILGEDICK (2011)

Senior Outreach Specialist—Continuing Education.
B.S.N., U. of Minnesota.

STEPHEN M. HILL (2002)

Associate Professor—Political Science.
B.Sc., U. of Salford, United Kingdom;
M.A., Ph.D., U. of Birmingham, United Kingdom.

THOMAS S. E. HILTON (2003)

*Department Chair—Information Systems;
Professor—Information Systems.*
B.A., Ph.D., Brigham Young U.

KATHERINE S. HINNANT (2002)

Associate Lecturer—English.
B.S., Cornell U.;
M.F.A., Purdue U.;
M.S., U. of Illinois at Urbana-Champaign.

ANNE CUMMINGS HLAS (2005)

Associate Professor—Foreign Languages.
B.S., M.A., UW-Madison;
Ph.D., The U. of Iowa.

CHRISTOPHER S. HLAS (2005)

Associate Professor—Mathematics.
B.S., Ph.D., U. of Iowa.

DIANE HOADLEY (2010)

*Dean—College of Business;
Professor—Management and Marketing.*
B.A., M.B.A., J.D., U. of Illinois at Urbana-Champaign.

JERRY K. HOEPNER (2004)

Assistant Professor—Communication Sciences and Disorders.
B.S., Mankato State U.;
M.S., UW-Eau Claire;

Ph.D., UW-Madison.

CYNTHIA WEILER HOFACKER (1985)
Instructional Program Manager II—College of Business; Senior Lecturer—Business Communication.
B.S., M.S.T., UW-Eau Claire.

KRISTIN HOFF (2011)
Counselor—Counseling Services.
B.S., M.A., Ph.D., Xavier University.

NURIA I. HOFF (1991)
Senior Lecturer—Foreign Languages.
Licenciada en Ciencias Sociales y de la Información, Universidad Del Pais Vasco;
A.A.S., Milwaukee Area Technical Col.

PAUL J. HOFF (1990)
Professor—Foreign Languages.
B.A., UW-Eau Claire;
M.A., New York U.;
D.A., Syracuse U.

ANN E. HOFFMAN (1981)
Senior Editor—News Bureau.
B.A., UW-Eau Claire.

MARY F. HOFFMAN (2008)
Department Chair—Communication and Journalism; Associate Professor—Communication and Journalism.
B.A., Winona State U.;
M.A., Colorado State U.;
Ph.D., U. of Kansas.

DEBRA HOFMANN (2011)
Clinical Instructor—Nursing.
A.N.D., WI Indianhead Tech College;
B.S.N., UW-Eau Claire;
M.S.N., UW-Madison.

JACK P. HOGGATT (1979)
Assistant Dean/Coordinator of Special Programs—College of Business; Professor Emeritus—Business Communication.
B.S., U. of Wyoming;
M.S., Ed.D., Utah State U., Logan.

BENJAMIN HOLLARS (2011)
Assistant Professor—English.
B.A., Knox College;
M.F.A., Alabama State University.

ROBERT E. HOLLON (1993)
Professor—Education Studies.
B.S., Lake Superior State Col.;
M.A.T., Ph.D., Michigan State U.

JAY SCOTT HOLMEN (1984)
Professor—Accounting and Finance.
B.A., Moorhead State U.;
Ph.D., U. of Minnesota.

EUGENE M. HOOD Jr. (1984)
Professor—Art & Design.
B.F.A., U. of South Carolina;
M.F.A., U. of Florida;
Ph.D., Ohio U.

ROBERT L. HOOPER (1983)
Professor—Geology.
B.S., Michigan State U.;
M.S., Ph.D., Washington State U.

TODD J. HOSTAGER (1988)
Professor—Management and Marketing.
B.A., St. Olaf Col.;
Ph.D., U. of Minnesota.

ERIN L. HOUSER (2002)
Associate Lecturer—Biology.
B.A., UW-Eau Claire;
M.A., Col. of St. Scholastica.

R. MICHAEL HOWE (1996)
Professor—Mathematics.
B.A., M.S., Ph.D., U. of Iowa.

NAN HU (2009)
Assistant Professor—Accounting and Finance.
B.S., HoHai U., China;
M.S., Brigham Young U.;
M.S., Ph.D., U. of Texas at Dallas.

JIN HUANG (1989)
Professor—Physics and Astronomy.
B.S., U. of Science and Technology of China;
M.S., Ph.D., Montana State U.

ANDREW HUCKS (2011)
Associate Lecturer—Psychology.

B.S., James Madison University.

PHILLIP J. HUELSBECK (1994)

Outreach Program Manager for Arts and Sciences—Continuing Education.

B.A., UW-Oshkosh;

M.A., UW-Eau Claire.

RAYMOND K. HUGHES (2001)

Lecturer—Accounting and Finance; Management and Marketing.

B.B.A., UW-Eau Claire;

J.D., LL.M., William Mitchell Col. of Law.

LESLIE A. HUNTINGTON (2001)

Head Women's Softball Coach/Senior Women's Administrator—Athletics.

B.A., Buena Vista Col.;

M.Ed., Iowa State U.

CHRISTINA M. HUPY (2007)

Assistant Professor—Geography and Anthropology.

B.S., Central Michigan U.;

M.A., New Mexico State U.;

Ph.D., Michigan State U.

JOSEPH P. HUPY (2007)

Assistant Professor—Geography and Anthropology.

B.S., Central Michigan U.;

M.A., New Mexico State U.;

Ph.D., Michigan State U.

GRETCHEN A. HUTTERLI (1983)

Assistant Dean/External Affairs—College of Business.

B.S., UW-Madison;

M.B.A., UW-Eau Claire.

PHILLIP D. IHINGER (2000)

Professor—Geology.

B.A., Pomona Col.;

Ph.D., California Institute of Technology.

SOOYUN IM (2007)

Assistant Professor—Art & Design.

B.A., M.A., Keimyung U., South Korea;

M.F.A., Iowa State U.

BONNIE J. ISAACSON (1990)

Nontraditional Student Adviser—Advising and New Student Initiatives.

B.S., UW-Eau Claire;

M.S., UW-Stout.

STEVEN ISAACSON (2011)

Outreach Specialist—Continuing Education.

B.S., M.S., UW-Stout.

HEATHER IVERSON (2010)

Clinical Instructor—Nursing.

B.S.N., M.S.N., UW-Eau Claire.

ROSEMARY A. JADACK (1999)

Department Chair—Nursing;

Professor—Nursing.

B.S.N., M.S.N., Ph.D., UW-Madison.

ERIC M. JAMELSKE (2002)

Associate Professor—Economics.

B.A., Sonoma State U.;

M.A., Ph.D., U. of California, Davis.

STEPHANIE JAMELSKE (2004)

Budget Officer—Academic Affairs.

B.A., Sonoma State U.;

M.P.P.A., California State U., Sacramento.

WON YONG JANG (2003)

Associate Professor—Communication and Journalism.

B.A., M.A., Sogang U., Seoul, Korea;

M.A., Marquette U.;

Ph.D., State U. of New York at Buffalo.

DANIEL S. JANIK (1996)

Associate Professor—Biology.

B.S., UW-Madison;

M.S., UW-Milwaukee;

Ph.D., U. of Oregon.

LYNN YOUNG JANIK (1998)

Greenhouse/Animal Facility Manager—Biology.

B.S., Seattle U.;

M.S., UW-Milwaukee.

MARI JO S. JANKE (1979)

Director—Publications.

B.F.A., UW-Eau Claire.

JEFFREY M. JANOT (2005)

Associate Professor—Kinesiology.

B.A., Col. of St. Scholastica;

M.S., UW-La Crosse;

Ph.D., U. of New Mexico.

DEBRA A. JANSEN (1997)

Interim Associate Dean - College of Nursing and Health Sciences; Professor—Nursing.

B.S.N., UW-Eau Claire;

M.S., Ph.D., UW-Madison.

ERIC J. JENNINGS (2008)

Assistant Professor—Library Services.

B.S., Iowa State U.;

M.A., The U. of Iowa.

ANDREW N. JEPSSEN (2005)

Student Services Program Manager II—University Recreation and Sport Facilities.

B.S., UW-Eau Claire;

M.S., UW-La Crosse.

MATTHEW JEWELL (2011)

Assistant Professor—Materials Science Program.

B.S., M.S., Ph.D., UW-Madison.

DAVID C. JEWETT (2000)

Professor—Psychology.

B.A., St. Olaf Col.;

Ph.D., U. of Minnesota.

JIANJUN JI (2001)

Associate Professor—Sociology.

B.A., Zhengzhou U., China;

M.S., Ph.D., Mississippi State U.

ROBIN J. JOHNGEN (2004)

Career Development Manager—Career Services.

B.S., UW-Green Bay;

M.S.P.A., Concordia U. Wisconsin.

HEATHER JOHNSON-SCHMITZ (2008)

Grants Coordinator—Research and Sponsored Programs.

B.A., UW-Eau Claire.

CARLA J. JOHNSON (2009)

Preschool Teacher—Children's Center.

B.S., Mount Senario Col.

CHRISTOPHER JOHNSON (2011)

Assistant Professor—Computer Science.

B.S., University of Northern Iowa;

M.S., Ph.D., Tennessee State University.

CHRISTY JOHNSON (2008)

Lecturer—Kinesiology.

B.A. Asbury College;

M.S., U. of Tennessee, Knoxville.

DALE H. JOHNSON (1985)

Senior Student Services Coordinator—Financial Aid.

B.B.A., M.S., UW-Stout.

ERIN L. JOHNSON (2007)

Associate Lecturer/Community Outreach Coordinator—Kinesiology.

B.S., UW-La Crosse;

M.S., Oregon State U.

JOYCE E. JOHNSON (2007)

Lecturer—Foreign Languages.

B.S., UW-Stout;

M.E.P.D., UW-Eau Claire.

LIA JOHNSON (2004)

Associate Professor—Art & Design;

Associate Professor—Education Studies.

B.F.A., M.A.E., Texas Tech University;

Ph.D., U. of Minnesota.

MARQUELL JOHNSON (2007)

Assistant Professor—Kinesiology.

B.A., Huntingdon Col.;

M.S., UW-La Crosse;

Ph.D., Oregon State U.

NITA L. JOHNSON (1995)

Clinical Simulation/Skills Lab Coordinator—College of Nursing and Health Sciences; Clinical

Instructor—Nursing.

B.S.N., Loma Linda U.;

M.S.N., U. of Nevada, Las Vegas.

PEGGY A. JOHNSON (2000)

Assistant Women's Basketball

Coach—Athletics; Senior Lecturer—Kinesiology.

B.A., Gustavus Adolphus Col.;

M.A., Mankato State U.

HEATHER JOHNSON SCHMITZ (2008)

Grants Coordinator—Research and Sponsored Programs.

B.A., UW-Eau Claire.

JENNIFER L. JOHS-ARTISENSI (2002)

Associate Professor—Management and Marketing.

B.A., Augsburg Col.;

M.P.H., Ph.D., U. of North Texas.

HARRY M. JOL (1996)

Professor—Geography and Anthropology.

B.S., M.S., Simon Fraser U.;

Ph.D., U. of Calgary.

DAVID M. JONES (2000)

Associate Professor—English.

B.A., U. of Iowa;

M.A., U. of Nevada;

Ph.D., U. of Minnesota.

NICOLE N. JONES (2004)

Associate Lecturer—Continuing Education.

B.A., U. of Minnesota.

RYAN P. JONES (2006)

Assistant Professor—Music and Theatre Arts.

B.A., U. of Richmond;

M.F.A., Ph.D., Brandeis U.

TOMOMI KAKEGAWA (2003)

Associate Professor—Foreign Languages.

B.A., International Christian U., Tokyo, Japan;

M.A., The Pennsylvania State U.;

Ph.D., Michigan State U.

PAUL J. KALDJIAN (2002)

Associate Professor—Geography and Anthropology.

B.S., M.S., U. of Michigan;

M.S., Ph.D., U. of Arizona.

JACK A. KAPFER (2003)

Associate Professor—Communication and Journalism.

B.A., UW-Eau Claire;

M.A., UW-Madison.

JYL A. KELLEY (2008)

Assistant Professor—Art & Design.

B.F.A., Rochester Institute of Technology;

M.F.A., U. of New Mexico.

BRIDGET KELLY (2011)

Lecturer—Geology.

B.S., UW-Eau Claire;

M.S., U. of Nebraska, Lincoln.

ERNA M. KELLY (1983)

Professor Emerita—English.

B.A., LeMoyne Col., New York;

M.A., Duquesne U., Pennsylvania;

Ph.D., State U. of New York at Albany.

THERESA D. KEMP (1999)

Interim Program Coordinator—Women's Studies;

Professor—English.

B.A., M.A., U. of Washington, Seattle;

Ph.D., Indiana U.

KRISTOPHER KEMPER (2011)

Assistant Professor—Accounting and Finance.

B.B.A., M.B.A., University of Central Oklahoma,

Ph.D., University of Oklahoma.

MATTHEW J. KENDER (2004)

Assistant Football Coach—Athletics.

B.A., Augustana Col.;

M.E.P.D., UW-Eau Claire.

ALLEN H. KENISTON (1982)

Professor—Psychology.

A.B., Stanford U. (Calif.);

Ph.D., U. of Minnesota.

KATHRYN W. KENNEDY (1998)

Senior Lecturer—Philosophy and Religious Studies.

B.S., UW-Madison;

B.A., UW-Eau Claire;

M.A., Loyola Institute for Ministry, Extension.

BARBARA L. KERNAN (2001)

Senior Lecturer—Women's Studies.

B.A., UW-Eau Claire;

M.A., Middlebury Col.;

Ph.D., UW-Madison.

SALLIE D. KERNAN (1999)

Counselor—Educational Opportunity Center.

B.S., M.S., UW-Stout.

MICHELLE K. KETTLER (1985)

Associate Professor—Biology.

B.A., M.S., St. Louis U.;

Ph.D., U. of Illinois, Urbana-Champaign.

ANTHONY C. KEYS (2000)

Associate Professor—Information Systems.

B.S., Reading U.;

M.B.A., Shenandoah U.;

Ph.D., Virginia Polytechnic Institute and State U.

LAUREL B. KIEFFER (1999)

Title III Grant Activity Director—Undergraduate Studies.

B.S., UW-La Crosse;

M.S., UW-Milwaukee.

J. SCOTT KILGALLON (2004)

Director—Intercollegiate Athletics.

B.S., Central Connecticut State U.;

M.S., Lesley U.

NAMJI C. KIM (2004)

Associate Professor—Music and Theatre Arts.

B.M., M.M., The Julliard School;

D.M.A., Manhattan School of Music.

FREDERICK W. KING (1979)

Professor—Chemistry.

B.S., U. of Sydney;

M.S., U. of Calgary;

Ph.D., Queen's U., Canada.

LEE-ELLEN C. KIRKHORN (2005)

Professor—Nursing.

B.S.N., Washington State U.;

M.S.N., U. of Washington;

Ph.D., Gonzaga U.

JEFFREY W. KIRSCHLING (2008)

Student Information Systems Manager—Registrar's Office.

B.A., UW-Eau Claire;

M.S.E., UW-La Crosse.

HANS F. KISHEL (2008)

Assistant Professor—Library Services.

B.S., Bemidji State U.;

M.S., U. of North Dakota;

M.S., U. of Illinois at Urbana-Champaign.

KEVIN P. KLATT (2001)

Associate Professor—Psychology.

B.A., St. Cloud State U.;

M.A., Southern Illinois U.;

Ph.D., The U. of Kansas.

PATRICIA A. KLEINE (2009)

Provost and Vice Chancellor—Academic

Affairs; Professor—Education Studies.

B.A., U. of Northern Colorado;

M.Ed., Ed.D., U. of Maine.

PAULA K. KLEINTJES NEFF (1993)

Professor—Biology.

B.S., California Polytechnic State U.;

Ph.D., U. of California, Berkeley.

ROBERT M. KNIGHT (1988)

Associate Vice Chancellor for

Undergraduate Studies—Academic Affairs;

Professor—Music.

B.M.E., Illinois State U.;

M.M., Indiana U.;

D.M., Northwestern U.

DENNIS L. KNUTSON (1973)

Associate Professor Emeritus—Accounting and Finance.

B.S., UW-Eau Claire;

M.B.A., UW-Madison;

D.B.A., U. of Kentucky.

GREGORY J. KOCKEN (2011)

Assistant Professor—Library Services.

B.A., UW-Eau Claire;

M.A., UW-Madison.

VINAVTEE KOKIL (2009)

Associate Lecturer—Mathematics.

B.Sc., U. of Mumbai, India;

M.Sc., City U., London.

FREDRIC KOLB (1971)

Professor—Economics.

B.A., Maryville Col;

Ph.D., U. of Utah.

MICHAEL W. KOLIS (2002)

Associate Professor—Education Studies.

B.A., Knox U.;

M.S., Ed.D., Northern Illinois U.

JERRY KOLLROSS (2011)

Lecturer—Management and Marketing.

B.S., UW-La Crosse;

M.B.A., UW-Eau Claire.

MICHELLE L. KOBIKER (2006)

Preschool Teacher—Children's Center.

B.S., UW-Stout.

MELISSA KOPROWSKI (2011)

Assistant Professor—Music and Theatre Arts.

B.M., Alabama State University;

D.M.A., M.M., U. of Southern Carolina.

CAROL M. KOROGHLANIAN (2000)

Associate Professor— Education Studies

B.S., UW-Milwaukee;

M.Ed., Ph.D., Arizona State U.

BONNIE M. KRAHN (2008)

Graphic Artist—College of Business.

B.F.A., UW-Eau Claire.

JESSICA J. KRAKER (2006)

Assistant Professor—Mathematics.

B.A., U. of Minnesota, Morris;

M.S., Ph.D., U. of Minnesota.

HEATHER MARIE KRETZ (2004)

*Assistant Director for Recruitment and
Marketing—Admissions.*

B.A., UW-Eau Claire;

M.A., Gonzaga U.

JACQUELINE KRIESEL (1998)

Controller—Budget and Finance.

B.B.A., UW-Eau Claire.

CATHERINE KROMRIE (2011)

Clinical Instructor—Nursing.

A.N.D., Gogebic Community College;

B.S.N., Viterbo University;

M.S.N., UW-Eau Claire.

JASMINE L. KROTZMAN (2006)

Lecturer—English.

B.A., Edgewood Col.;

M.A., UW-Eau Claire.

SUSAN M. KRUEGER (1977)

Senior Lecturer—Biology.

B.S., M.S., UW-Stout.

XIAODONG KUANG (2011)

Assistant Professor—Communication and Journalism.

B.A., M.A., U. of International Business & Economics;

Ph.D., UW-Madison.

EVALEE K. KUNKEL (2006)

Clinical Instructor—Nursing.

B.S.N., M.S.N., UW-Eau Claire.

MARY LA RUE (1998)

Assistant Professor—Kinesiology.

B.S., UW-River Falls;

M.Ed., UW-Platteville;

Ph.D., University of Minnesota-Twin Cities.

JEFFREY D. LABS (2009)

Program Manager for Business Outreach/Contract Training—Continuing Education.

B.A., UW-Stout;

M.S., Capella U.

TIMOTHY LANE (1989)

Professor—Music.

B.M., Cleveland Institute of Music;

M.M., Ph.D., U. of Illinois at Urbana-Champaign.

KATHERINE H. LANG (1996)

Associate Professor—History.

B.S., Georgetown U.;

Ph.D., The U. of Chicago.

DANIEL T. LANGLOIS (1983)

Assistant Director—University Recreation and Sport Facilities.

B.A., UW-Eau Claire;

M.S., Winona State U.

JASON A. LANKA (2009)

Assistant Professor—Art and Design.

B.F.A., U. of Wyoming;

M.F.A., U. of Connecticut.

CHERYL A. LAPP (2007)

Professor—Nursing;

Professor—Human Development Center.

B.Sc.N., U. of Alberta;

M.P.H., M.A., Ph.D., U. of Minnesota.

GUNNAR WARD LARSON (2006)

Clinical Instructor—Nursing.

B.A., B.S.N., U. of Minnesota;

M.S.N., UW-Eau Claire.

JAN M. LARSON (1991)

Associate Professor—Communication and Journalism.

B.A., Stanford U.;

M.S., Columbia U.

KRISTY J. LAUVER (2003)

Associate Professor—Management and Marketing.

B.A., Kansas State U.;

M.L.H.R., The Ohio State U.;

Ph.D., The U. of Iowa.

PAULIS LAZDA (1967)

Professor—History.

B.A., U. of Michigan;

M.A., Ph.D., UW-Madison.

CATHERINE A. LEE (2009)

Intensive English Program Coordinator—International Education.

B.A., Colby College;

M.A., School for International Training.

INCHO LEE (2010)

Assistant Professor—Education Studies.

B.A., Hong-Ik U., Korea;

M.E., Ph.D., U. of Washington.

JENNIFER LEE (1994)

Case Project Director/Blugold Family Connection Coordinator—Student Affairs/Dean of Students.

B.S., Mankato State U.;

M.A., Kansas State U.

JOHN D. LEE (1984)

Classroom Services Manager—Learning and Technology Services.

B.A., UW-Eau Claire;

M.S., UW-Stout.

KIA LEE (2010)

Multicultural Counselor—Admissions.

B.S., UW-River Falls;

M.S., UW-Stout.

MARY LEE (1999)

Associate Student Services Coordinator—Upward Bound.

B.A., UW-Eau Claire.

TALI D. LEE (2002)

Associate Professor—Biology.

B.S., Grand Canyon U.;

Ph.D., U. of Minnesota.

JULIA C. LEHMAN CALDWELL (2004)

Senior Media Specialist/Learning Resources Coordinator—College of Nursing and Health Sciences.

B.A., M.A., UW-Eau Claire.

DONNA LEHMKUHL (2003)

Eau Claire Eclipse Site Manager—Center for Service-Learning.

B.S., M.S., South Dakota State U.;

Ed.D., U. of South Dakota.

MARY BETH LEIBHAM (2005)

Associate Professor—Psychology.

B.A., Loras Col.;

M.A., Miami U.;

Ph.D., Indiana U.

GENE J. LEISZ (1988)

Distinguished Artist—Learning and Technology Services.

B.F.A., UW-Eau Claire.

DAVID S. LELAND (2010)

Assistant Professor—Psychology.

B.A., Oberlin Col.;

Ph.D., U. of California, San Diego.

PAULA J. LENTZ (1998)

Academic Program Director—Business Communications;

Senior Lecturer—Business Communications.

B.A., Coe Col.;
M.S.E., M.A., UW-Eau Claire;
Ph.D., U. of Minnesota.

TODD W. LENZ (1992)
Associate Lecturer—Education Studies.
B.S., M.E.P.D., UW-Eau Claire.

SCOTT W. LESTER (1997)
Director—Center for Leadership,
College of Business;
Professor—Management and Marketing.
B.A., U. of Richmond;
Ph.D., U. of South Carolina.

BRIAN L. LEVIN-STANKEVICH (2006)
Chancellor; Professor—History.
B.A., Hamilton Col.;
M.A., Ph.D., State U. of New York at Buffalo.

DANDRIELLE LEWIS (2011)
Assistant Professor—Mathematics.
B.S., Winston Salem State University;
M.S., University of Iowa;
Ph.D., SUNY at Binghamton.

DAVID E. LEWIS (1997)
Professor—Chemistry.
B.Sc., B.Sc., Ph.D., The U. of Adelaide, Adelaide, South Australia.

MELVIN O. LEWIS (1987)
Associate Professor Emeritus—Mathematics.
B.S., Jamestown Col.;
M.S., South Dakota State U.;
Ph.D., U. of Northern Colorado.

YAN LI (2007)
Assistant Professor—Economics.
B.E., M.A., Beijing Institute of Technology;
Ph.D., The U. of Iowa.

GERARDO LICON (2010)
Assistant Professor—Latin American Studies.
B.A., M.A., Ph.D., U. of Southern California.

VICTORIA A. LIESKE (2007)
Clinical Instructor—Nursing.
B.S.N., UW-Madison;
M.S.N., U. of Minnesota.

LAUREN E. LIKKEL (1996)
Professor—Physics and Astronomy.
B.S., Western Washington U.;
M.S., Ph.D., U. of California at Los Angeles.

MARTINA U. LINDSETH (1998)
Professor—Foreign Languages.
Diplomsprachmittler Russisch—Englisch,
Karl-Marx-U.;
M.A., Ph.D., Indiana U.

LING LIU (2008)
Assistant Professor—Accounting and Finance.
B.S., Hohai U.;
M.S., M.S., Ph.D., U. of Texas at Dallas.

BRUCE W. N. LO (2002)
Professor—Information Systems.
B.Sc., U. of London;
M.Ed. Studies, U. of Newcastle, Australia;
Ph.D., Monash U., Australia.

CHERYL LOCHNER-WRIGHT (1994)
Study Abroad Coordinator—International Education.
B.A., Concordia Col.;
M.A., U. of Minnesota.

DEBORAH K. LOCKHART (1991)
Graphic Designer—Continuing Education.
B.F.A., UW-Eau Claire.

THOMAS E. LOCKHART (1981)
Professor—Physics and Astronomy.
B.S., Heidelberg Col.;
M.A., Ph.D., Kent State U.

KAREN LOEB (1988)
Professor—English.
B.A., Northeastern Illinois U.;
M.F.A., Bowling Green State U.

MATTHEW J. LOEN (1999)
Head Men's Hockey Coach—Athletics.
B.B.A., UW-Eau Claire.

DAVID G. LONZARICH (1994)

Professor—Biology.
B.S., U. of California, Berkeley;
M.A., San Jose State U.;
Ph.D., U. of Washington.

ALLYSON A. LOOMIS (2002)

Associate Professor—English.
B.F.A., Boston U.;
M.F.A., The U. of Montana.

JONATHAN R. LOOMIS (2003)

Assistant Professor—English.
B.A., Ohio U.;
M.F.A., U. of Virginia.

OWEN C. LOVELL (2008)

Assistant Professor—Music and Theatre Arts.
B.M., M.M., Peabody Conservatory of Johns Hopkins U.;
D.M.A., The U. of Texas at Austin.

SCOTT LOWE (2004)

Department Chair—Philosophy and Religious Studies;
Professor—Philosophy and Religious Studies.
B.S., U. of Michigan;
Ph.D., The U. of Iowa.

JIAN LUO (2004)

Associate Professor—Art & Design.
B.A., M.A., Sichuan Col. of Fine Art, China;
M.F.A., Western Michigan U.;
M.A., Wayne State U.

JAMIE LYMAN GINGERICH (2007)

Assistant Professor—Biology.
B.A., Kalamazoo Col.;
Ph.D., UW-Madison.

MARVIN LYNN (2011)

Associate Dean for Teacher
Education—College of Education and Human Sciences.
B.S., DePaul University;
M.A., Columbia University;
Ph.D., U. of California, Los Angeles.

LORI MAASSEN (2002)

Director of Research and
Stewardship—Development and Alumni Relations.
B.B.A., UW-Stevens Point.

SHERRY L. MACAUL (1985)

Professor—Education Studies.
B.S.Ed., M.Ed., Ph.D., Kent State U.

MAUREEN D. MACK (1979)

Professor—Education Studies.
B.A., M.S., UW-La Crosse;
Ph.D., U. of Illinois, Urbana.

WILLIAM T. MACOZEK (1999)

Senior Residence Hall Director—Housing and Residence Life.
B.A., Ripon Col.

KAREN E. MADDOX (1979)

Associate Professor Emerita—Nursing;
Public Health Professions.
B.S.N., U. of Texas, Houston;
M.S., Texas Woman's U.

ELLEN MAHAFFY (2006)

Assistant Professor—Communication and Journalism.
B.F.A., The Maryland Inst.;
M.F.A., State U. of New York at Brockport.

J. BRIAN MAHONEY (1994)

Professor—Geology.
B.S., UW-Madison;
M.S., Idaho State U.;
Ph.D., U. of British Columbia.

CHARLES H. MAJOR (1974)

Director—Housing and Residence Life.
B.A., Holy Cross Col., La Crosse;
M.A., Mt. Saint Bernard Seminary, Dubuque, Iowa.

STEVEN MAJSTOROVIC (1999)

Professor—Political Science.
B.A., M.A., U. of Montana;
Ph.D., U. of Colorado.

JOHN W. W. MANN (2003)

Associate Professor—History.
B.A., Bowdoin Col.;
M.A., Ph.D., Washington State U.

CARMEN K. MANNING (2002)

Department Chair—English;

Associate Professor—English.

B.A., Augustana Col.;

M.A., Colorado State U.;

Ph.D., The U. of Chicago.

COLLEEN C. MARCHWICK (2003)

Study Abroad Coordinator—International Education.

B.A., Col. of St. Catherine;

M.A., Ohio U.

DIANE L. MARCYJANIK (2007)

Clinical Instructor—Nursing.

B.S.N., West Virginia Wesleyan Col.;

M.S.N., UW-Eau Claire.

JILL S. MARKGRAF (1998)

Associate Professor—Library Services.

B.A., M.A., UW-Madison.

KARL F. MARKGRAF (1998)

Director—International Education.

B.A., U. of Oregon;

M.A., Ph.D., UW-Madison.

DEBBIE M. K. MARTIN (2010)

Clinical Instructor—Nursing.

B.S.N., UW-Eau Claire;

M.S.N., U. of Phoenix.

LISSA JO MARTINEZ (2009)

Student Services Specialist—Student Affairs/Dean of Students.

B.A., UW-Eau Claire.

DIANE K. MASARIK (2007)

Assistant Professor—Mathematics.

B.Ed., UW-Whitewater;

M.E., Cardinal Stritch Col.;

Ph.D., U. of Colorado, Boulder.

JASON M. MATHWIG (2008)

Counselor—Admissions.

B.A., UW-Eau Claire.

SIGNE B. MATSON (2000)

Academic Adviser—Advising and New Student Initiatives.

B.A., U. of Montana;

M.A., U. of Colorado, Denver.

MICHELLE L. MATTES (2010)

Director of Advising—Kinesiology.

B.A., UW-Stevens Point;

M.A., Northern Michigan U.

BRITTANY MATTI (2011)

Student Services Program Manager—University

Recreation & Sports Facilities.

B.A., UW-Stevens Point.

LISA M. MATZ (2005)

Preschool Teacher—Children's Center.

B.S., UW-Stout.

SEAN McALEER (2003)

Associate Professor—Philosophy and Religious Studies.

B.A., Shimer Col.;

Ph.D., Syracuse U.

LAUREL J. McELLISTREM (1999)

Analytical Scientist—Materials Science Program.

B.S., U. of Illinois at Urbana-Champaign;

Ph.D., UW-Madison.

MARCUS T. McELLISTREM (1998)

Co-Director—Materials Science Program;

Associate Professor—Chemistry.

B.S., U. of Kentucky;

Ph.D., UW-Madison.

SUSAN R. McINTYRE (1990)

Professor—Education Studies.

B.A., M.Ed., Keene State Col.;

Ph.D., Indiana U.

MEGHAN K. MEHLOS (2008)

Lecturer—Foreign Languages.

B.A., St. Norbert Col.;

M.A., UW-Madison.

KEVIN A. MEINHOLZ (2007)

Sports Information Director—Athletics.

B.A., UW-Eau Claire.

JOANNE R. MELLEMA (1991)

Senior Physician—Student Health Service.
B.A., Dordt Col.;
M.D., U. of Minnesota School of Medicine.

RACHEL M. MERKEL (2007)

Assistant Professor—Nursing.
B.S.N., UW-Oshkosh;
M.S.N., UW-Eau Claire;
D.N.P., Minnesota State University-Moorhead.

PAUL Y. MERLO (1971)

Associate Professor Emeritus—Foreign Languages.
B.A., Humboldt State Col.;
M.A., Ph.D., U. of California, Santa Barbara.

MINDY S. MERRYFIELD (2001)

Artist—Publications.
B.A., UW-Eau Claire.

ERIC C. MERTEN (2009)

Senior Research Specialist—Biology.
B.A., Luther Col.;
M.S., U. of Minnesota.

CRAIG A. MEY (2002)

Director—Learning and Technology Services.
B.S., UW-Madison.

MATTHEW MEYER (2004)

Senior Lecturer—Philosophy and Religious Studies.
B.A., UW-Eau Claire.

RICHARD A. MICKELSON (1988)

Audio, Graphics, Photography, and BITS Training Manager—Learning and Technology Services.
B.A., U. of Minnesota-Duluth.

KELLY A. MICOLICHEK (2007)

Assistant Director—Children's Center.
B.S., UW-River Falls.

LAURA MIDDLESWORTH (2009)

Assistant Professor—Economics.
B.S., University of Washington;
M.A., University of the Pacific.

THOMAS P. MIHAJLOV (1984)

Lecturer—Accounting and Finance.
B.S., UW-Oshkosh;
M.B.A., UW-Eau Claire.

JESSICA S. MILLER (2006)

Assistant Professor—Foreign Languages.
Literary Baccalauréat, Lycée Jean-Monnet, France;
D.E.U.G., Licence in English;
M.A., Université Marc-Bloch, France;
M.A., St. Louis U.;
Ph.D., U. of Illinois at Urbana-Champaign.

NATHAN A. MILLER (2002)

Associate Professor—Physics and Astronomy.
B.A., Gustavus Adolphus Col.;
M.S., Ph.D., UW-Madison.

ROBIN E. MILLER (2010)

Assistant Professor—Library Services.
B.S., U. of Oregon;
M.S., U. of Illinois at Urbana-Champaign.

WILLIAM F. MILLER (2008)

Assistant Professor—Accounting and Finance.
B.B.A., California State U.;
M.B.A., Ed.D., U. of St. Thomas.

JEREMY T. MINER (2009)

Director—Grants and Contracts.
B.S., Marquette U.;
M.A., U. of Minnesota.

JAMES E. MISHEFSKE (2005)

*Director, Small Business Development
Center—Continuing Education.*
B.B.A., UW-Eau Claire.

SUSAN D. MOCH (1988)

Professor—Nursing.
B.A., Col. of St. Scholastica;
M.S., U. of Colorado;
Ph.D., U. of Minnesota.

PATRICIA A. MONTANYE (2001)

Client Services Coordinator/Counselor—Financial Aid.
B.S., UW-Stevens Point;
M.S., UW-Stout.

HEATHER ANN MOODY (2000)

Associate Lecturer—American Indian Studies; English.

B.S., UW-Eau Claire;

M.A., U. of Arizona.

CHRISTINE M. MORALES (2009)

Assistant Professor—Chemistry.

B.A., Carleton Col.;

Ph.D., UW-Madison.

JOSEPH E. MORIN (1999)

Associate Professor—Special Education,

Human Development Center.

B.A., York U.;

M.Ed., Ed.D., U. of Toronto.

KAREN R. MORRIS (1997)

Senior Lecturer—Communication and Journalism; Director of Forensics.

B.A., East Central U.;

M.A., Southwest Texas State U.

CHARLES M. MORRISON (1995)

Associate Professor—Computer Science.

B.S., Colorado School of Mines;

M.S., Oklahoma State U.;

M.B.A., U. of Oklahoma;

Ph.D., U. of Arizona.

JOLINE P. MORRISON (1995)

Department Chair—Computer Science;

Professor—Computer Science.

B.S., U. of Wyoming;

Ph.D., U. of Arizona.

KRISTIAN MORTENSON (2011)

Assistant Professor—Accounting and Financ.

B.S., M.S., University of Utah;

M.A., Ph.D., Arizona State University.

RICHARD MOSES (2009)

Associate Lecturer—Music and Theatre Arts.

B.M., M.M., UW-Madison.

DONALD D. MOWRY (1988)

Service-Learning Director;

Professor—Social Work.

B.A., Metropolitan State Col.;

B.S., Mississippi State U.;

M.S.S.W., Ph.D., UW-Madison.

MARK R. MOWRY (2005)

Assistant Professor—Music and Theatre Arts.

B.A., Luther Col.;

M.M., Northwestern U.

OTRUDE MOYO (2011)

Associate Professor—Social Work.

B.S.W., University of Zimbabwe;

M.A., Ph.D., Brandeis University;

M.S.W., Southern Illinois University.

KEITH C. MUCHOW (2001)

Assistant Men's Basketball Coach/Weight Room Coordinator—Athletics.

B.S., Concordia U.;

M.S., UW-La Crosse.

JENNIFER J. MUEHLENKAMP (2009)

Assistant Professor—Psychology.

B.S., UW-River Falls;

M.A., Ball State U.;

Ph.D., Northern Illinois U.

CHERYL L. MULLER (1991)

Associate Professor—Chemistry.

B.S., UW-Madison;

Ph.D., U. of Chicago.

KAREN MUMFORD (2011)

Assistant Professor—Watershed Institute.

B.A., St. Olaf College;

M.A., M.S., University of Iowa;

Ph.D., U. of Minnesota.

RYAN P. MURPHY (2011)

Visiting Assistant Professor—Women's Studies.

B.A., Macalester College;

Ph.D., U. of Minnesota.

VANISSA B. MURPHY (1989)

Department Chair—Music and Theatre Arts;

Professor—Music.

B.M., Middle Tennessee State U.;

M.M., U. of Kentucky;

Ph.D., U. of North Texas.

KELLY L. MURRAY (2003)

Senior Lecturer—Biology.

B.S., UW-River Falls;

M.S., Montana State U.

PETER C. MYERS (1988)
Professor—Political Science.
B.A., Northwestern U.;
M.A., Ph.D., Loyola U.

ABRAHAM Y. NAHM (2000)
Associate Professor—Management and Marketing.
B.A., Sogang U., Seoul, Korea;
M.B.A., Northern Kentucky U.;
Ph.D., The U. of Toledo.

GHANBARI REZA NAMDAR (2011)
Visiting Assistant Professor—Geology.
B.A., Esfahan U. of Technology;
M.S., Shiraz University;
Ph.D., UW-Milwaukee.

ANDREW J. NELSON (2006)
Institutional Planner.
B.S., B.A., UW-Platteville.

DEBORAH L. NEWMAN (2004)
Associate Director—Housing and Residence Life.
B.A., M.A.T., The U. of Iowa.

TARIQUE NIAZI (2000)
Associate Professor—Sociology.
B.A., M.A., U. of the Punjab, Lahore, Pakistan;
M.A., U. of Baluchistan, Quetta, Pakistan;
M.S., Ph.D., UW-Madison.

SARAH L. NILES (2010)
Clinical Instructor—Social Work.
B.A., M.S.S.W., UW-Madison.

RICHARD F. NIMKE (1999)
Associate Professor—Music and Theatre Arts.
B.S., UW-Oshkosh;
M.F.A., UW-Madison.

ROBERT A. NOWLAN (1997)
Associate Professor—English.
B.A., Wesleyan U.;
M.A., Ph.D., Syracuse U.

KATHLEEN A. NYBROTEN (2005)
Associate Professor—Sociology.
B.A., Augsburg Col.;
M.A., Ph.D., The U. of Texas at Austin.

SUSAN M. O'BRIEN (2004)
Associate Professor—Art & Design.
B.F.A., B.S., U. of Tennessee;
M.F.A., Louisiana State U.

JAMIE O'CONNOR (2011)
Lecturer—Kinesiology.
B.S., Ph.D., U. of Illinois at Urbana-Champaign.

KAREN M. O'DAY (2003)
Associate Professor—Art & Design.
B.A., Skidmore Col.;
M.A., Ph.D., Emory U.

PEGGY O'HALLORAN (2006)
*Project Director CASE—Student Affairs
and Dean of Students.*
B.S., UW-Madison;
M.P.H., U. of Minnesota.

TERESA E. O'HALLORAN (2006)
Special Assistant to the Chancellor—Affirmative Action.
B.A., UW-Madison;
J.D., New York U. School of Law.

KIMBERLY BETH O'KELLY (2002)
Bursar—Budget and Finance.
B.A., M.B.A., UW-Eau Claire.

JAMES W. OBERLY (1983)
Professor—History.
B.A., Columbia U.;
M.A., Ph.D., U. of Rochester.

WILLIAM A. OGDEN Jr. (1987)
Professor—Accounting and Finance.
B.S., St. Cloud State U.;
M.B.A., North Dakota U.;
D.B.A., Southern Illinois U.

JILL E. OLM (2006)

Assistant Professor—Art & Design.

B.A., B.F.A., U. of Montana;

M.F.A., Syracuse U.

DOUGLAS M. OLSON (1999)

Associate Professor—Management and Marketing.

B.S., UW-Eau Claire;

M.B.A., U. of St. Thomas;

Ph.D., U. of Minnesota.

LEAH OLSON-McBRIDE (2009)

Assistant Professor—Social Work.

B.S.W., UW-Eau Claire;

M.S.W., Loyola U.;

Ph.D., Louisiana State U. and A & M Col.

RANDALL OLSON (1985)

Catalog Coordinator—Library.

B.S., UW-Green Bay;

M.C.P., M.L.S., UW-Madison.

MAFUMI OMURA (2010)

Lecturer—Foreign Languages.

B.A., Kansai U.;

M.A., U. of Iowa.

TESS O. ONWUEME (1994)

University Professor of Global Letters; Professor—English.

B.A., M.A., U. of Ife, Nigeria;

Ph.D., U. of Benin, Nigeria.

VERLE ORMSBY (2004)

Senior Lecturer—Music and Theatre Arts.

B.M., Southern Illinois University;

D.M.A., M.M., Ball State University.

JOSEPH A. ORSER (2010)

Visiting Assistant Professor—History.

B.A., U. of Virginia;

M.Ed., U. of Florida;

M.A., Ph.D., Ohio State U.

ALLISON MARIE OSTRANDER (2007)

Associate Lecturer—Music and Theatre Arts.

B.M., M.M., UW-Madison.

PHILLIP A. OSTRANDER (2003)

Associate Professor—Music and Theatre Arts.

B.M., Eastman School of Music, U. of Rochester;

M.M., M.M., New England Conservatory of Music;

D.M.A., Eastman School of Music, U. of Rochester.

EMILIA BIKBULATOVA OSWALT (2008)

Lecturer—Foreign Languages.

Diploma of Philologist and Teacher of English (ESL), Bashkir State U.;

M.A., Ph.D., St. Petersburg State U.

CAROLYN OTTO (2011)

Assistant Professor—Mathematics.

B.S., UW-Eau Claire;

M.A., Ph.D., Rice University.

BRUCE J. OUDERKIRK (2002)

Director—Student Support Services.

B.A., M.A., Iowa State U.;

Ph.D., U. of Nebraska-Lincoln.

JOEL F. PACE (1999)

Professor—English.

B.A., Providence Col.;

M.St., Ph.D., U. of Oxford.

CHRISTOPHER PAHL (2011)

Residence Hall Manager—Housing and Residence Life.

B.B.A., UW-Whitewater;

M.S., Eastern Illinois University.

JONATHAN S. PARADISE (1989)

Visiting Professor—Philosophy and Religious Studies.

B.A., U. of Minnesota;

Ph.D., U. of Pennsylvania.

JERRON M. PARKER (2010)

Residence Hall Director—Housing and Residence Life.

B.S., M.S.E., U. of Dayton.

JUSTIN W. PATCHIN (2004)

Associate Professor—Political Science.

B.S., UW-Superior;

M.S., Ph.D., Michigan State U.

DEBORAH K. PATTEE (2004)

Assistant Professor—Education Studies.
B.A., California State U., Fullerton;
M.S., UW-Milwaukee;
Ed.D., U. of St. Thomas.

DONALD L. PATTERSON (1976)

Professor—Music.
B.M.E., U. of Denver;
M.M., Manhattan Sch. of Music, N.Y.;
D.M.A., North Texas State U.

FAITH A. PAWELSKI (2006)

Senior Student Services Coordinator—Academic Skills Center.
B.A., Winona State U.;
M.A., U. of South Dakota.

HEATHER A. PEARSON (2001)

Associate Director—Admissions.
B.S., Edgewood Col.;
M.E.P.D., UW-Eau Claire.

SUSAN D. PECK (1989)

Professor—Nursing.
B.S.N., UW-Eau Claire;
M.S., Texas Women's U.;
Ph.D., U. of Minnesota.

BLAINE F. PEDEN (1977)

Professor—Psychology.
B.A., California State U., Fresno;
Ph.D., Indiana U.

JANE M. PEDERSON (1989)

Professor—History.
B.A., M.A., UW-Eau Claire;
M.Phil., Ph.D., Columbia U.

SHEILA J. PEDERSON (1990)

Senior Artist—Publications.
B.A., UW-Eau Claire.

SHELLEY RAE PEHLER (2011)

Associate Professor—Nursing.
B.S.N., UW-Eau Claire;
M.S.N., Ph.D., University of Iowa.

RUSSEL S. PELOQUIN (2004)

Lecturer—Kinesiology.
B.S., M.S., UW-La Crosse.

MICHAEL R. PENKAVA (1996)

Professor—Mathematics.
B.A., U. of the Pacific;
M.A., Ph.D., U. of California, Davis.

JULIA R. PENNINGTON (2008)

Assistant Professor—Management and Marketing.
B.S., M.S., Iowa State U.;
Ph.D., U. of Nebraska.

KENNETH PEREIRA (2011)

Assistant Professor—Music and Theatre Arts.
B.M., California State U.;
M.M., Indiana University.

AIMEE J. PERNSTEINER (2009)

Associate Lecturer—Accounting and Finance.
B.B.A., M.B.A., UW-Eau Claire.

TIMOTHY A. PETERMANN (1971)

Senior Administrative Specialist—Athletics.
B.A., UW-Eau Claire.

VICKY L. PETERMANN (1992)

Development Program Manager I—Development/Alumni Relations.
B.S., UW-Eau Claire.

GRETCHEN PETERS (1991)

Associate Professor—Music and Theatre Arts.
B.M., UW-Madison;
M.M., Ph.D., U. of Illinois at Urbana-Champaign.

GEOFFREY D. PETERSON (2000)

Professor—Political Science.
B.A., Moorhead State U.;
M.A., Ph.D., U. of Iowa.

ELIZABETH PETILLOT (2011)

Lecturer—Music and Theatre Arts.
B.M., Indian University;
D.M.A., M.M., University of Texas.

THOMAS A. PETTA (2006)

Associate Lecturer—Social Work.

B.S., UW-River Falls;
M.S., UW-Milwaukee.

JAMES A. PHILLIPS (1998)

Professor—Chemistry.
B.A., Middlebury Col.;
M.S., Ph.D., U. of Minnesota.

NICHOLAS S. PHILLIPS (2007)

Assistant Professor—Music and Theatre Arts.
B.M., U. of Nebraska-Lincoln;
M.M., Indiana U.;
D.M.A., U. of Missouri.

CRISPIN H. PIERCE (2003)

Associate Professor—Public Health Professions.
B.A., U. of California, Santa Cruz;
M.S., California State U., Hayward;
Ph.D., U. of California, San Francisco.

APRIL PIERSON (2011)

Learning Technology Consultant—Learning and Technology Services.
B.A., UW-Stevens Point;
M.S., Ed.S., UW-Stout.

KIM W. PIERSON (1992)

Professor—Physics and Astronomy.
B.S., Eastern Illinois U.;
M.S., Ph.D., U. of Delaware.

GEOFFREY S. PIGNOTTA (2007)

Assistant Professor—Geology.
B.Sc., U. of Ottawa;
Ph.D., U. of Southern California, Los Angeles.

EUGENIO PIÑERO (1989)

Professor—History.
B.A., U. of Puerto Rico;
M.A., Louisiana State U.;
Ph.D., U. of Connecticut.

JILL PINKNEY PASTRANA (2005)

Professor—Education Studies.
B.A., M.Ed., Ph.D., U. of California, Los Angeles.

NICOLE M. POEHLING (2008)

Associate Director of Annual Giving—Development/Alumni Relations.
B.S., UW-La Crosse.

WILLIAM PLATZ (2009)

Psychologist—Health Services.
B.S., M.D., University of Iowa;
M.B.A., Auburn University.

SHERYL POIRIER (2006)

Instructional Specialist—College of Business.
B.A., M.P.A., UW-Oshkosh.

JOHN H. POLLITZ (2007)

Director—Libraries.
B.S., Southern Illinois U.;
M.A., U. of Denver;
M.L.S., U. of Iowa.

ELISHA F. POLOMSKI (2009)

Assistant Professor—Physics and Astronomy.
B.A., Wellesley Col.;
Ph.D., U. of Florida.

LINDA L. POPHAL (2002)

Lecturer—Communication and Journalism.
B.A., UW-Eau Claire;
M.A., U. of Phoenix.

JULIANA M. POQUETTE (2000)

Director—News Bureau.
B.A., UW-Eau Claire.

FREDERICK M. POSS (1993)

Senior Lecturer—English.
B.S., UW-Oshkosh;
M.A., UW-Madison;
M.S.T., UW-Eau Claire.

SAMANTHA H. POTEPA (2010)

Study Abroad Coordinator—International Education.
B.A., M.A., U. of Illinois at Urbana-Champaign.

JEAN A. PRATT (2006)

Associate Professor—Information Systems.
B.S., U. of Idaho;
M.S., Ph.D., Utah State U.

LINDA L. PRATT (1999)

Senior Residence Hall Director—Housing and Residence Life.

B.A., Concordia U.;
M.A., Northern Illinois U.

KRISTOPHER K. PRESLER (2002)

Associate Professor—Mathematics.

B.S., M.S., U. of North Dakota;
M.A., UW-Madison.

ELIZABETH PRESTON (1997)

Senior Lecturer—English.

B.A., UW-Eau Claire;
M.A., Ph.D., The Ohio State U.

AMANDA PROFAIZER (2011)

Assistant Professor—Music and Theatre Arts.

M.F.A., Utah State University.

JILL T. PRUSHIEK (1997)

Interim Associate Dean—College of

Education and Human Sciences;

Professor—Education Studies.

B.A., Cardinal Stritch Col.;
M.A., Ph.D., Marquette U.

PATRICIA QUINN (1982)

McNair Project Director/Special Assistant to the Associate Vice Chancellor/Dean of Graduate Studies—Academic Affairs.

B.A., U. of Rochester (N.Y.);
M.A., Ph.D., State U. of New York-Binghamton.

LISA QUINN-LEE (2009)

Assistant Professor—Social Work.

B.S.W., UW-Eau Claire;
M.S.S.W., UW-Madison.

STEVE B. RANIS (2010)

Information Processing Consultant—Learning and Technology Services.

B.S., UW-River Falls.

LEE ANNA RASAR (1990)

Professor—Music and Theatre Arts.

B.A., U. of Alabama;
M.M.Ed., U. of Georgia.

STEVEN RATERING (2003)

Senior Information Processing Consultant—Learning and Technology Services.

B.A., Central Col.;
M.S., Ph.D., U. of Minnesota.

VICKI F. REED (1983)

Director—University Recreation and Sport Facilities.

B.S., M.E.P.D., UW-Eau Claire.

MARK T. REEVES (2010)

Director—Business Services.

B.S., Drake U.

ROBERT A. REID (1996)

Senior Lecturer—Education Studies.

B.S., Bemidji State U.;
M.A., U. of Minnesota.

WALTER M. REID (1979)

Professor—Mathematics.

B.A., M.S., U. of Utah, Salt Lake;
Ph.D., U. of Colorado, Boulder.

THOMAS REITER (2003)

Associate Lecturer—Foreign Languages.

B.A., UW-Eau Claire;
M.A., U. of Nebraska at Omaha.

KRISTINE R. RETHERFORD (1980)

Department Chair—Communication Sciences and Disorders;

Professor—Communication Sciences and Disorders.

B.S., Mankato State U.;
M.S., Ph.D., UW-Madison.

CATHY J. REX (2008)

Assistant Professor—English.

B.S., Auburn U.;
M.S., U. of Hawaii at Manoa;
Ph.D., Auburn U.

KATE MASTRUSERIO REYNOLDS (2001)

Associate Professor—Foreign Languages;

Associate Professor—Education Studies.

B.A., M.A., Ed.D., U. of Cincinnati.

EUN SOO RHEE (2011)

Assistant Professor—Communication and Journalism.

B.A., Hanyang University;
M.A., Ph.D., University of Florida.

LOUISA C. RICE (2009)

Assistant Professor—History.

B.A., U. of Nottingham, England;
M.A., UW-Milwaukee;
Ph.D., Rutgers U.

ANTHONY G. RICH (2011)
Visiting Assistant Professor—Computer Science.
B.S., UW-Eau Claire;
M.S., Ph.D., UW-Madison.

ALAN J. RIECK (2001)
Associate Professor—Music and Theatre Arts.
B.M., M.M., Ph.D., UW-Madison.

MANDA R. RIEHL (2008)
Assistant Professor—Mathematics.
B.Sc., Massachusetts Inst. of Technology;
M.A., Ph.D., U. of California, San Diego.

MICHAEL J. RINDO (2001)
*Executive Director Special Assistant
to the Chancellor—News Bureau.*
B.A., UW-Eau Claire.

NICOLE RINDONE (2010)
Coordinator for Student Activities—Activities and Programs.
B.A., UW-Eau Claire.

KATHERINE RITLAND-CLOUSE (1993)
Senior Student Services Coordinator—Advising and New Student Initiatives.
B.S., M.S., UW-Stout.

ELIZABETH ROACH (2011)
*Student Services Coordinator—Services
for Students with Disabilities.*
B.S., M.S., UW-Stout.

D. SCOTT ROBERTSON (1990)
Professor—Art & Design.
B.F.A., California Col. of Arts and Crafts;
M.F.A., UW-Madison.

KIMBERLEY A. ROGNESS (2011)
Scene Shop Supervisor—Music and Theatre Arts.
B.A., South Dakota University.

R. CHRIS ROHDE (2002)
Lecturer—Chemistry.
B.S., U. of New Hampshire;
M.E.P.D., UW-Eau Claire.

JOSEPH R. ROHRER (1987)
Professor—Biology.
B.S., Davidson Col.;
M.S., U. of North Carolina;
Ph.D., U. of Michigan, Ann Arbor.

TULIO J. RONDÓN (2008)
Assistant Professor—Music and Theatre Arts.
B.M., Simón Bolívar Conservatory, Venezuela;
M.M., Miami U.;
D.M.A., U. of Arizona.

ERIK P. ROTVOLD (1992)
Academic Adviser—Advising and New Student Initiatives.
B.A., Bethel Col.;
M.S., Mankato State U.

DONNA M. ROZAR (2009)
Clinical Instructor—Nursing.
B.S.N., M.S.N., Viterbo U.

LAURA M. RUBENZER (2006)
Career Development Coordinator—Student Support Services.
B.A., U. of Minnesota;
M.A., Marquette U.

JAMES RUNDALL (1982)
Senior Lecturer—Accounting and Finance.
B.S., M.S., Illinois State U.

GARRY L. RUNNING (1996)
Professor—Geography and Anthropology.
B.S., Bemidji State U.;
M.S., U. of North Dakota;
Ph.D., UW-Madison.

NANCY J. RYBA (2001)
Student Services Specialist—Children's Center.
B.S., UW-Eau Claire.

JAMES RYBICKI (2011)
Lecturer—Physics and Astronomy.
B.A., Illinois Wesleyan University;

M.S., Ph.D., University of Iowa.

MITRA M. SADEGHPOUR (2002)

Associate Professor—Music and Theatre Arts.

B.A., Luther Col.;

M.M., Indiana U.;

D.M.A., Indiana U.

KATHLEEN A. SAHLHOFF (1996)

Director—Financial Aid.

B.A., Valparaiso U.;

M.E., Western Washington U.

LAURIE A. ST. AUBIN-WHELIHAN (2003)

Marketing Manager—Continuing Education.

B.S., UW-Stout;

B.A., UW-Eau Claire;

M.A., The U. of South Dakota.

MARCIA ST. GERMAINE (2006)

Student Services Coordinator—Nursing and Health Sciences.

B.B.A., M.B.A., UW-Eau Claire.

RICHARD D. ST. GERMAINE (1989)

Professor—History.

B.A., UW-Eau Claire;

M.A.Ed., Ph.D., Arizona State U.

VICKI M. SAMELSON (2009)

Assistant Professor—Communication Sciences and Disorders;

Assistant Professor—Human Development Center.

B.S., Illinois State U.;

M.A., Northern Illinois U.;

Ph.D., The U. of Iowa.

KRISTEN SANDAGER (1985)

Nurse Practitioner—Student Health Service.

B.S.N., U. of Minnesota.

TERESA M. SANISLO (2000)

Associate Professor—History.

B.A., Michigan State U.;

Ph.D., U. of Michigan.

EVA L. SANTOS-PHILLIPS (1996)

Professor—Foreign Languages.

B.S., U. of Puerto Rico;

M.Ed., U. of Illinois, Urbana;

M.A., California State U., Sacramento;

Ph.D., U. of California, Davis.

MICHELLE A. SATHER (2005)

Preschool Teacher—Children's Center.

B.S., UW-Eau Claire.

DAVID L. SCHAFFER (1998)

Associate Professor—Economics.

B.A., Swarthmore Col.;

Ph.D., Massachusetts Institute of Technology.

JUERGEN SCHAUPP (2005)

Associate Lecturer—Foreign Languages.

Ersts Staatsexamen, U. of Tübingen;

Zweites Staatsexamen, Seminar für Schulpädagogik Stuttgart.

KRISTIN P. SCHAUPP (2005)

Associate Professor—Philosophy and Religious Studies.

B.A., Concordia Col.;

M.A., Ph.D., Marquette U.

KRISTIN K. SCHEIBE (2006)

Associate Lecturer—Continuing Education.

B.A., Metropolitan State U.;

M.E.P.D., UW-Eau Claire.

DONNA K. SCHEMM (2011)

Clinical Instructor—Communication Sciences and Disorders.

B.A., M.S., UW-Eau Claire.

LISA F. SCHILLER (2009)

Assistant Professor—Nursing.

B.S.N., M.S., UW-Milwaukee.

JANE R. SCHILMOELLER (2011)

Academic Adviser—Advising and New Student Initiatives.

B.S., UW-Eau Claire;

M.A., St. Thomas University.

DONALD D. SCHLEICHER (1986)

Distance Education Manager—Learning and Technology Services.

B.S., UW-Eau Claire.

KATHERINE SCHMIDT (2011)

Residence Hall Director—Housing and Residence Life.

B.A., University of Northern Iowa;

M.S., Eastern Illinois University.

CHIP SCHNEIDER (2002)

Operations Director for Track and Field and Cross Country—Athletics.

B.S., UW-Platteville;

M.S., UW-La Crosse.

CARL P. SCHOEN (1982)

Professor—Mathematics.

B.S., U.S. Air Force Academy, Colorado Springs, Colo.;

M.S., Ph.D., U. of Wyoming-Laramie.

MAUREEN M. SCHRINER (2010)

Assistant Professor—Communication and Journalism

B.A., U. of North Dakota;

M.P.A., Ph.D., U. of Minnesota, Twin Cities.

LISA M. SCHUETZ (1995)

Student Services Program Manager III—University Recreation and Sport Facilities.

B.S., UW-La Crosse;

M.S., Central Michigan U.

NICOLE J. SCHULTZ (2007)

Assistant Professor—Communication and Journalism.

B.A., Winona State U.;

M.A., Minnesota State U., Mankato;

Ph.D., Bowling Green State U.

DANIEL J. SCHWAMBERGER (2007)

Head Men's and Women's Cross Country Coach;

Assistant Men's and Women's Track and Field

Coach—Athletics.

B.A., UW-Stevens Point;

M.A., Loras Col.

GARY R. SCHWARTZHOFF (1991)

Professor—Music.

B.A., Central Col.;

M.M., U. of Northern Iowa;

D.M.A., U. of Missouri.

GAIL P. SCUKANEC (2007)

Dean—College of Education and Human Sciences;

Professor—Communication Sciences and Disorders.

B.S., Michigan State U.;

M.S., Vanderbilt Peabody Col.;

M.A., Central Michigan U.;

Ph.D., Bowling Green State U.

PATTI KAY SEE (1993)

Senior Student Services Coordinator—Academic

Skills Center.

B.A., M.A., UW-Eau Claire.

MELEINA A. SEGA (2008)

Recruiter/Adviser—Teacher Education.

B.S., UW-Superior;

M.S., UW-Stout.

MELISSA SEMINGSON (2011)

Financial Aid Counselor—Financial Aid.

B.A., UW-La Crosse.

ASHA SEN (1996)

Professor—English.

B.A., St. Xavier's Col., Calcutta, India;

M.A., Bangalou U., India;

M.A., Ph.D., Purdue U.

CHARLES SERROS (2006)

Lecturer—Mathematics.

B.S.E., M.Ed., U. of Texas at El Paso.

SHERRIE J. SERROS (2005)

Professor—Mathematics.

B.S., M.S., Ph.D., UW-Milwaukee.

DENIS J. SETWYN (1999)

Stockroom Manager—Chemistry.

B.S., UW-Eau Claire.

JENNIFER SHADDOCK (1993)

Professor—English.

B.A., Colorado Col.;

M.A., U. of Colorado;

Ph.D., Rutgers U.

DAVID SHIH (1999)

Associate Professor—English.

B.A., U. of Texas;

M.F.A., Ph.D., U. of Michigan.

REIKO SHINNO (2002)

Associate Professor—History.

B.A., M.A., U. of Tokyo;

M.A., Ph.D., Stanford U.

SASHA A. SHOWSH (2000)

Associate Professor—Biology.

B.S., UW-Madison;

M.S., UW-Oshkosh;

Ph.D., Iowa State U.

SCOTT J. SIEGENTHALER (2007)

Counselor—Financial Aid.

B.S., UW-Superior;

M.S., UW-Stout.

JODI B. SIMEK (2007)

Advisor—International Education.

B.S.S., Växjö U., Sweden;

B.B.A., UW-Eau Claire;

M.A., U. of Kansas.

JUDY RENE SIMS (1989)

Professor—Communication and Journalism.

B.A., M.A., California State U.-Humboldt;

Ph.D., U. of Minnesota.

MARK W. SIPPLE (2003)

Assistant Weight Room Coordinator/Assistant Football Coach—Athletics.

B.S., UW-Eau Claire;

M.S., U. of North Dakota.

JUELIE J. SIRES (1979)

Senior University Relations Specialist—University Centers.

B.A., UW-Eau Claire.

LOIS R. SLATTERY (2011)

Instructional Designer—Academic Affairs.

B.S., UW-River Falls;

M.S., UW-Milwaukee.

ALEXANDER J. SMITH (1990)

Department Chair—Mathematics;

Professor—Mathematics.

B.S., New Mexico State U.;

B.A., U. of Oxford;

Ph.D., U. of California, Berkeley.

B. JILL SMITH (2000)

Senior Lecturer—Geography and Anthropology.

B.F.A., U. of West Virginia;

M.A., U. of Northern Colorado;

M.A., M.S., Ph.D., UW-Madison.

CARTER E. SMITH (1999)

Department Chair—Foreign Languages;

Associate Professor—Foreign Languages.

B.A., Concordia Col.;

M.A., New York U. in Spain, Madrid;

Ph.D., U. of Minnesota.

JOYCE A. SMITH (2008)

Nurse Practitioner—Student Health Service.

B.S.N., UW-Eau Claire.

LORRAINE M. SMITH (1993)

Assistant to the Dean—College of Nursing and Health Sciences.

B.S.N., M.S.N., UW-Eau Claire.

SHEILA K. SMITH (1989)

Assistant Dean for Evaluation and Strategic Initiatives—College of Nursing and Health Sciences;

Professor—Nursing.

B.S., M.S., UW-Eau Claire;

Ph.D., U. of Minnesota.

LORI D. SNYDER (1995)

Senior Lecturer—Geology.

B.S., Colorado State U.;

M.S., U. of British Columbia.

MEGHAN FRANCES SOBOTTA (2009)

Coach—Athletics.

B.B.A., UW-Eau Claire.

BONNIE J. SOLEM (2003)

Clinical Instructor—Nursing.

B.A., Col. of St. Scholastica;

M.S., U. of Illinois.

CHARLOTTE K. SORTEDAHL (2010)

Assistant Professor—Nursing.

B.S.N., M.S., M.P.H., D.N.P., U. of Minnesota-Twin Cities.

JOAN E. SOSALLA (2010)

Outreach Program Manager—Educational Opportunity Center.

B.A., M.S., UW-La Crosse;

Ph.D., UW-Madison.

PEDRO SOTTILE (2011)

Assistant Professor—Accounting and Finance.

B.A., Argentina;;

M.B.A., Ph.D., Irvine Valley College.

LINDA J. SPAETH (1979)

Interim Director—Academic Skills Center.

B.A., UW-Eau Claire;

M.Ed., Whitworth Col.

RITA A. SPERSTAD (1989)

Assistant Professor—Nursing.

B.S.N., Alverno Col.;

M.S.N., UW-Eau Claire;

Ed.D., U. of St. Thomas.

STEPHEN J. SPINA (1999)

Senior Lecturer—Philosophy and Religious Studies.

B.A., Evangel Col.;

M.A., U. of Michigan, Ann Arbor;

M.D.I., McCormick Theological Seminary.

JASON SPRAITZ (2011)

Assistant Professor—Political Science.

B.S., M.S., UW-Milwaukee;

Ph.D., Indiana University of Pennsylvania.

RICHARD P. SPINDLER (2009)

Senior Lecturer—Mathematics.

B.S., UW-Madison;

M.S., U. of Michigan-Ann Arbor;

M.S., UW-Milwaukee;

Ph.D., U. of Vermont.

DAVID W. SPRICK (1981)

Director—University Police.

B.B.A., UW-Eau Claire.

MARIE A. STADLER (1991)

Associate Professor—Communication Sciences and Disorders.

B.S., UW-Eau Claire;

M.S., San Francisco State U.;

Ph.D., U. of Minnesota.

RHETTA L. STANDIFER (2005)

Associate Professor—Management and Marketing.

B.A., Florida State U.;

M.M., M.B.A., Ph.D., U. of Missouri-Columbia.

SANDRA LEE STARCK (1998)

Associate Professor—Art & Design.

B.S., UW-Stout;

M.F.A., The U. of Tennessee, Knoxville.

KEITH A. STEARNS (1995)

Senior Lecturer—Business Communication.

B.S., North Texas State U.;

M.A.T., UW-Eau Claire.

GEORGE J. STECHER (1996)

Professor—Physics and Astronomy.

B.S., California Institute of Technology;

M.S., Ph.D., Cornell U.

J. TODD STEPHENS (1997)

Professor—Special Education.

B.S., M.S., Southern Illinois U.;

Ph.D., UW-Madison.

ANGELA J. STERLING-ORTH (1994)

Clinical Assistant Instructor—Communication Sciences and Disorders.

B.A., M.S., UW-Eau Claire.

DANIEL E. STEVENSON (1997)

Professor—Computer Science.

B.S., Duke U.;

M.S., Ph.D., U. of Iowa.

JAN C. STIRM (1999)

Assistant Professor—English.

B.S., U. of California, Davis;

M.A., Ph.D., U. of California, Los Angeles.

PATRICIA STOFFERS (1981)

Senior Student Services Coordinator—Academic Skills Center.

B.A., M.S.T., UW-Eau Claire;

M.A., St. Michael's Col.

ANGELA STOMBAUGH (2005)

Assistant Professor—Nursing.
B.S.N., M.S.N., UW-Eau Claire;
Ph.D., U. of Minnesota-Twin Cities.

ROBERT C. STOW Jr. (2006)

Assistant Professor—Kinesiology.
B.S., Ferris State U.;
M.S., Indiana U.;
Ph.D., Bowling Green State U.

JOHANNES STROHSCHÄNK (1988)

Professor—Foreign Languages.
B.A., Eberhard-Karl-Universität Tübingen, West Germany;
M.A., U. of South Carolina;
Ph.D., U. of California-Davis.

ROBERT STRONG (2011)

Assistant Professor—Foreign Languages.
B.A., M.A., Brigham Young University;
Ph.D., U. of Minnesota.

KATIE L. STROPE (2006)

Student Services Program Manager I—Admissions.
B.S., U. of Northern Colorado;
M.S., UW-Madison.

DANIEL P. STROUTHEES (1996)

Associate Professor—Geography and Anthropology.
B.A., Wesleyan U.;
Ph.D., Yale U.

ANDREW STROWIG (2011)

Student Services Coordinator—Services for Students with Disabilities.
B.S., UW-Madison;
M.A., Western Michigan University;
Ph.D., U. of Minnesota.

JOHN L. STUPAK (1997)

Senior Instrumentation Specialist—Physics and Astronomy.
B.S., UW-Eau Claire.

ROBERT J. SUTTON (1980)

Associate Dean—College of Business;
Professor—Management and Marketing.
B.S., UW-La Crosse;
Ph.D., U. of Iowa.

ANDREW C. SWANSON (1997)

Senior Lecturer—Mathematics.
B.S., California Institute of Technology;
M.S., Ph.D., Cornell U.

SCOTT R. SWANSON (2008)

Associate Professor—Management and Marketing.
B.S., UW-River Falls;
M.B.A., UW-Oshkosh;
Ph.D., U. of Kentucky.

KENT M. SYVERSON (1992)

Department Chair—Geology;
Professor—Geology.
B.S., U. of Minnesota-Duluth;
M.S., Ph.D., UW-Madison.

JACK S. E. TAN (1995)

Professor—Computer Science.
B.S., M.S., Ph.D., U. of Minnesota.

WILSON A. TAYLOR (1990)

Department Chair—Biology;
Professor—Biology.
B.S., Indiana U. of Pennsylvania;
M.S., Ph.D., Ohio State U.

TROY A. TERHARK (1997)

Student Services Program Manager III—University Recreation and Sport Facilities.
B.S., UW-Eau Claire;
M.S., UW-Stout.

THERESA A. TESELLE (2006)

Clinical Nurse Manager—Student Health Service.
B.S.N., Indiana U.

BRENDA L. THALACKER (1999)

Lecturer—Management and Marketing.
B.B.A., M.B.A., UW-Eau Claire.

ROSLYN THEISEN (2011)

Visiting Assistant Professor—Chemistry.
B.S., UW-Madison;
Ph.D., University of Washington.

CHRISTOS M. THEO (1993)

Department Chair—Art & Design;

Professor—Art & Design.

B.S., M.F.A., UW-Madison.

JODI M. THESING-RITTER (1994)

Associate Dean of Student Development—Student Affairs/Dean of Students.

B.S., St. Mary's Col.;

M.A., Teacher's Col. of Columbia U.

DOMINIQUE S. THÉVENIN (1987)

Associate Professor—Foreign Languages.

Diplome, Universite de Franche-Comte, Besancon, France;

A.M., Ph.D., U. of Illinois at Urbana-Champaign.

PAUL J. THOMAS (1989)

Professor—Physics and Astronomy.

B.Sc., U. of Wollongong, Australia;

Ph.D., Monash U., Australia.

VICKY L. THOMAS (2011)

Advising and Academic Services Coordinator—Services for Students with Disabilities.

B.S., U. of Montana;

M.Ed., Boston U.

TRACI L. THOMAS-CARD (2006)

Lecturer—English.

B.A., M.A., UW-Eau Claire.

STACY R. THOMPSON (2002)

Associate Professor—English.

B.A., U. of Michigan;

M.A., Northeastern U.;

Ph.D., Purdue U.

CATHY A. THORSEN (2008)

Assistant Professor—Special Education.

B.S., M.S., Illinois State U.;

Ed.D., Concordia U.

LIBBY THURSTON (2004)

Outreach Specialist for Youth and PreCollege

Programs—Continuing Education.

B.A., UW-Madison.

CHARLES L. TOMKOVICK (1992)

Professor—Management and Marketing.

B.A., Carthage Col.;

M.B.A., M.S., UW-Madison;

Ph.D., Texas A&M U.

ROBERT S. TOMLINSON (1975)

Associate Professor—Psychology.

B.A., U. of Mississippi;

M.A., Ph.D., U. of Southern Mississippi.

SIMEI TONG (2002)

Associate Professor—Mathematics.

B.S., Tongji U., China;

M.S., U. of Central Oklahoma;

Ph.D., Oklahoma State U.

ERIC TORRES (2011)

Assistant Professor—Education Studies.

M.S., Ph.D., Greensboro College.

DEBBIE K. TRANTOW (2007)

Lecturer—English.

B.A., Northeastern Illinois U.;

M.F.A., U of Minnesota.

JONATHAN W. TRUTOR (2009)

Associate Lecturer—History.

B.A., U. of Vermont;

M.A., U. of Minnesota-Twin Cities.

DAVID TSCHIDA (2011)

Assistant Professor—Communication and Journalism.

B.A., St. Cloud State University;

M.A., University of Nebraska, Lincoln;

Ph.D., University of Missouri, Columbia.

JAMES W. TUBBS (1998)

Associate Professor—Political Science.

A.B., Indiana U., Bloomington;

J.D., Indiana U. School of Law;

Ph.D., The Johns Hopkins U.

PATRICIA R. TURNER (2001)

Professor—History.

B.A., B.A., U. of California, Santa Barbara;

M.A., Ph.D., U. of Michigan.

STEPHANIE S. TURNER (2008)

Assistant Professor—English.

B.A., M.A., Ball State U.;
Ph.D., Purdue U.

TADD N. TURNQUIST (2010)

Lecturer—Kinesiology; Assistant Athletic Trainer—Athletics.

B.S., UW-Eau Claire;
M.S., U. of Kentucky.

LLOYD W. TURPINEN (1988)

Professor—Biology.

B.A., U. of Minnesota;
M.S., UW-Madison;
Ph.D., U. of Kentucky.

MARY TUSING (2003)

Assistant Professor—Psychology.

B.A., Saint Mary's Col.;
Ph.D., U. of South Carolina.

KATHRYN E. TVARUZKA (2006)

Assistant Professor—Library Services.

B.A., UW-Eau Claire;
M.L.I.S., UW-Milwaukee.

INGRID C. ULSTAD (1992)

Senior Lecturer—Accounting and Finance.

B.S., M.B.A., U. of Minnesota.

MAUREEN E. URAVITCH (2011)

Senior Lecturer—Art & Design.

B.F.A., Center Creative Studies;
M.F.A., Southern Illinois University.

JILL URDAHL (2011)

Student Services Coordinator—Student Affairs and Dean of Students.

B.S.W., UW-Eau Claire;
M.S., UW-Stout.

MICHELLE A. URLAUB (2011)

Clinical Instructor—Nursing.

B.S.N., UW-Eau Claire;
M.S.N., University of Florida.

GANGA VADHAVKAR (2011)

Assistant Professor—Communication and Journalism.

B.A., M.A., University of Bombay;
Ph.D., Wayne State University.

JEFFORD B. VAHLBUSCH (1999)

Director of University Honors Program; Associate Professor—Foreign Languages.

B.A., M.A., Ph.D., U. of Michigan.

JOSE A. VALERO (1997)

Associate Professor—Foreign Languages.

Licenciature, Universidad Autonoma de Madrid;
M.A., Ph.D., U. of Minnesota.

MARCIA R. VAN BEEK (2000)

Director of Major Gifts—Development/Alumni Relations.

B.A., UW-Eau Claire;
M.S.W., U. of Minnesota.

STEPHANIE R. VAN PAY (2004)

Senior Residence Hall Director—Housing and Residence Life.

B.S., UW-Stevens Point;
M.S., UW-Madison.

GARY VAN GUILDER (2009)

Assistant Professor—Kinesiology.

B.S., Castleton State Col.;
M.S., Colorado State U.
Ph.D., U. of Colorado, Boulder.

ARIN G. VAN WORMER (2010)

Assistant Professor—Nursing.

B.S.N., Winona State U.;
M.S., Ph.D., U. of Minnesota-Twin Cities.

KA VANG (2010)

Clinical Instructor—Social Work.

B.S.W., UW-Eau Claire;
M.S., UW-Stout.

FABIOLA VARELA-GARCÍA (2005)

Assistant Professor—Foreign Languages.

B.A., U. of Malaga, Spain;
Ph.D., U. of Pennsylvania.

TIMOTHY S. VAUGHAN (1997)

Department Chair—Management and Marketing;

Professor—Management and Marketing.

B.A., U. of Northern Iowa;
Ph.D., U. of Iowa.

SHELLY M. VOEGELI (2003)

Program Coordinator, Blugold

Beginnings—Student Affairs/Dean of Students.

B.S., UW-Stout.

INGOLF K. VOGELER (1977)

Professor—Geography and Anthropology.

B.A., U. of Toronto;

M.A., Ph.D., U. of Minnesota.

BRYAN S. VOGH (2008)

Assistant Professor—Library Services.

B.A., U. of Minnesota, Morris;

M.A., UW-Madison.

MELISSA M. VOGLER (1991)

Counselor—Financial Aid.

B.S., UW-Stevens Point;

M.S., UW-Stout.

CATYA VON KÁROLYI (2001)

Associate Professor—Psychology.

B.P.S., University System of New Hampshire;

Ph.D., Boston Col.

MAX A. VON KLEIN (1983)

Assistant Director—Financial Aid.

B.A., Drake U.;

M.Ed., UW-La Crosse.

SUZANNE M. VOROS (2009)

Clinical Instructor—Nursing.

B.S.N., M.S.N., Viterbo U.

CHARLES C. VUE (1998)

Assistant Director—Multicultural Affairs.

B.S.W., UW-Eau Claire;

M.S.S.W., UW-Madison.

THOMAS K. WAGENER (1994)

Director of Foster Gallery and Woodshop

Supervisor—Art & Design.

B.S., UW-Stout.

JACK WAGENKNECHT (2008)

Clinical Instructor—Social Work.

B.S., Bowling Green State U.;

M.S.W., U. of South Florida.

ANTHONY WAGNER (2011)

Associate Scientist—Materials Science Program.

B.S., Clarke College;

M.A., Ph.D., Johns Hopkins University.

KIMAMO WAHOME (1994)

Director of Upward Bound Program.

B.S., Kansas Newman Col.;

M.B.A., Wichita State U.

JAMES S. WALKER (1982)

Professor—Mathematics.

B.S., State U. of New York-Buffalo;

M.S., U. of Illinois, Urbana-Champaign;

D.A., U. of Illinois, Chicago Circle.

LORI L. WALTONEN (2001)

Clinical Instructor—Nursing.

B.S.N., U. of North Dakota;

M.S.N., UW-Oshkosh.

MATTHEW W. WATERS (1999)

Professor—Foreign Languages;

Professor—History.

B.A., U. of Notre Dame;

M.A., Ph.D., U. of Pennsylvania.

SHEVAUN E. WATSON (2009)

Composition Director—English Writing Center;

Assistant Professor—English.

B.A., U. of Minnesota;

M.A., UW-Milwaukee;

Ph.D., Miami U.

KIMERA K. WAY (2001)

Executive Director of the

Foundation—Development and Alumni Relations.

B.S., U. of Wyoming;

M.A., U. of Kansas.

RYAN J. WEAVER (2010)

Lecturer—Communication and Journalism.

B.A., Bates, Col.;

M.A., U. of Kansas.

MARTIN C. WEBB (1992)

Lecturer—Philosophy and Religious Studies.

B.S., UW-Eau Claire;

M.A., United Seminary of the Twin Cities.

RITA L. WEBB (1990)

Academic Adviser—Advising and New Student Initiatives.

B.A., Rosary Col.;
M.E.P.D., UW-Stevens Point.

SALLY WEBB (1965)

Professor Emerita—Development and Alumni Relations.

B.S., Southeast Missouri State University;
M.S., UW-Madison;
Ph.D., University of Texas at Austin.

DONNA J. WEBER (1989)

Director—Human Resources.

KATIE L. WEICHELT (2010)

Lecturer—Geography and Anthropology.

B.S., Kansas State U.;
M.A., U. of Nebraska-Lincoln.

RYAN D. WEICHELT (2009)

Assistant Professor—Geography and Anthropology.

B.S., UW-Eau Claire;
M.A., Texas State U.;
Ph.D., U. of Nebraska-Lincoln.

EVAN R. WEIHER (1999)

Professor—Biology.

B.A., The U. of Chicago;
M.S., U. of Washington;
Ph.D., Rensselaer Polytechnic Institute.

MICHAEL R. WEIL (1979)

Associate Dean for Student Affairs and Special Projects; Professor—Biology.

A.B., U. of Michigan, Ann Arbor;
M.S., Ph.D., St. Louis U.

JERI LYNN WEISER (1999)

Instructional Specialist—College of Business.

B.A., UW-Eau Claire.

KIMBERLY K. U. WELLNITZ (2006)

Academic Adviser—Advising and New Student Initiatives.

B.A., M.B.A., U. of Hawaii.

TODD A. WELLNITZ (2005)

Associate Professor—Biology.

B.S., U. of Minnesota;
M.S., Middlebury Col.;
Ph.D., Swiss Federal Institute of Technology, Zürich.

THERESA A. WELLS (1993)

Senior Lecturer—Management and Marketing.

B.S., Moorhead State U.;
M.B.A., UW-Eau Claire.

BLAKE R. WESTERLUND (1998)

*Interim Coordinator Writing Center;
Adjunct Assistant Professor—English.*

B.A., UW-Eau Claire;
M.A., Ph.D., The U. of Tulsa.

SHARON K. WESTPHAL (1998)

Senior Lecturer—Psychology.

B.A., UW-Eau Claire;
M.S., UW-Stout.

URSULA WHITCHER (2011)

Assistant Professor--Mathematics.

B.A., Swarthmore College;
M.S., Ph.D., University of Washington.

STEPKHANIE H. WICAL (2011)

Assistant Professor—Library Services.

B.A., U. of California Santa Cruz;
M.A., U. of Alabama at Birmingham;
M.L. S., SUNY at Buffalo.

ODAWA L. A. WHITE (2001)

Retention Coordinator—Multicultural Affairs.

B.A., M.E.P.D., UW-Eau Claire.

SCOTT B. WHITFIELD (1997)

Professor—Physics and Astronomy.

B.A., U. of Colorado;
M.S., Ph.D., U. of Oregon.

VICKI M. WHITLEDGE (2000)

Professor—Mathematics.

B.S., Long Island U.;
M.S., Ph.D., State U. of New York at Stony Brook.

ALLEN DAVID WIBERG (1994)

Student Services Program Manager II—University Recreation and Sport Facilities.

B.A., UW-Eau Claire;
M.S., UW-La Crosse.

STEPHANIE WICAL (2011)

Assistant Professor—Library.

B.A., University of California Santa Cruz;

M.A., Alabama State University;

M.L.S., SUNY College at Buffalo.

MICHAEL R. WICK (1991)

Associate Vice Chancellor and Dean of

Graduate Studies—Academic Affairs;

Professor—Computer Science.

B.S., UW-Eau Claire;

M.S., Ph.D., U. of Minnesota.

ETHAN F. WICKMAN (2006)

Assistant Professor—Music and Theatre Arts.

B.M., Brigham Young U.;

M.M., Boston U.;

D.M.A., U. of Cincinnati.

DANIELLE WIDMER (2010)

Counselor—Admissions.

B.A., UW-Eau Claire.

KURT N. WIEGEL (2004)

Associate Professor—Chemistry.

B.S., Western Kentucky U.;

Ph.D., The U. of Southern Mississippi.

MATTHEW S. WIGGINS (2008)

Department Chair—Kinesiology;

Professor—Kinesiology.

B.S., M.S., U. of North Texas;

Ed.D., U. of Northern Colorado.

MARK W. WILLIAMS (1992)

Senior Physician—Student Health Service.

B.S., Iowa State U.;

M.S., U. of Iowa;

M.D., U. of Iowa Col. of Medicine.

CANDICE C. WILSON (2009)

Associate Director—University Centers.

B.A., Lakeland Col.;

M.S., UW-Stout.

CYRIL WILSON (2011)

Assistant Professor—Geography and Anthropology.

M.A., M.A., Chicago State University;

Ph.D., Indiana State University.

JACQUELINE WILSON (2011)

Lecturer—Music and Theatre Arts.

B.M., Eastern Washington University;

D.M.A., University of Iowa;

M.M., Boston University.

KATE E. WILSON (2008)

Health Educator—Student Health Service.

B.A., Lawrence U.

LYNN WILSON (2011)

Director—Counseling Services.

B.S.W., M.S.W., UW-Madison.

ABBIE WINDSOR (2011)

Adviser, Center for Advising, Development and Enrichment.

B.A., UW-Eau Claire;

M.S., Kansas State University.

MAIGAN M. WIPFLI (2006)

Associate Hall Director/Student Programs

Coordinator—Housing and Residence Life.

B.A., UW-Green Bay;

M.Ed., U. of Southern Mississippi.

JESICA M. WITTE (2007)

Associate Student Services Coordinator—Career Services.

B.A., UW-Eau Claire.

NICOLE K. WOHLRAB (2002)

Academic Adviser—Advising and New Student Initiatives.

B.A., UW-Eau Claire;

M.S., Capella U.

MARISSA M. WOLFE (2009)

Residence Hall Director—Housing and Residence Life.

B.A., UW-Eau Claire;

M.Ed., Iowa State U.

LYNSEY K. WOLTER (2008)

Assistant Professor—English.

B.A., Swarthmore Col.;

Ph.D., U. of California, Santa Cruz.

KELLY A. WONDER (2001)

Lecturer—English.
B.A., Buena Vista U.;
M.A., Iowa State U.

MARTY J. WOOD (1986)

Dean—College of Arts and Sciences; Professor—English.
B.A., Colorado State U.;
M.A., Ph.D., Michigan State U.

BRIAN A. WOODCOCK (2008)

Assistant Professor—Philosophy and Religious Studies.
B.S., Michigan Technological U.;
M.A., Biola U.;
M.A., Ph.D., U. of California, Irvine.

RACHEL WOODWARD (2005)

Senior Lecturer—English.
B.S., UW-Eau Claire;
M.A., UW-Milwaukee.

JERRY E. WORLEY (2008)

Associate Professor—Education Studies.
B.S., Montana State U.;
M.E., Ed.D., The U. of Southern Mississippi.

DEBORAH J. WRIGHT (2006)

Senior Nurse Practitioner—Student Health Service.
B.S.N., Thomas Jefferson U.;
M.S.N., UW-Eau Claire.

JEFFREY D. WRIGHT (2008)

Clinical Instructor—Social Work.
B.S.W., Winona State U.;
M.S.W., UW-Milwaukee.

KELLY JO WRIGHT (1992)

Senior Lecturer—Communication and Journalism;
Assistant Director of Forensics.
B.S., Defiance Col.;
M.A., Eastern New Mexico U.

KIMBERLY M. WUDI (2001)

Head Women's Volleyball Coach—Athletics.
B.S., UW-Eau Claire.

REBECCA P. WURZER (1977)

Director—Children's Center.
B.S., UW-Stout.

REBECCA WYLAND (2011)

Assistant Professor—Management and Marketing.
B.B.A., UW-Whitewater;
M.S., Roosevelt University;
Ph.D., UW-Milwaukee.

THAO YANG (1991)

Associate Professor—Chemistry.
B.S., Purdue U.;
M.S., Ph.D., Loyola U.

NOBUYOSHI YASUDA (1991)

Associate Professor—Music.
B.M., Soai U., Japan;
M.M., Indiana U.

RAMA YELKUR (1998)

International Business Programs Coordinator—Management and Marketing;
Professor—Management and Marketing.
B.S., Ethiraj Col., Madras U., India;
M.B.A., PSG Col. of Technology, Coimbatore, India;
D.B.A., Mississippi State U.

SEAN P. YENGO (1996)

Head Women's Soccer Coach—Athletics; Senior Lecturer—Kinesiology.
B.S., M.S.E., State U. of New York at Cortland.

TRACY E. YENGO (1996)

Senior Lecturer—Kinesiology.
B.S., M.A., Springfield Col.

BARBARA G. YOUNG (1991)

Lecturer—Music and Theatre Arts.
B.M., U. of Arkansas;
M.M., U. of Illinois at Urbana-Champaign;
D.M.A., U. of Oklahoma.

LINDA YOUNG (2011)

Dean—Nursing and Health Sciences.
B.S., UW-Milwaukee;
M.S.N., Marquette University;
Ph.D., UW-Madison.

EZRA J. ZEITLER (2008)

Assistant Professor—Geography and Anthropology.

B.S., UW-River Falls;

M.A., Ph.D., U. of Nebraska-Lincoln.

RUIDONG ZHANG (1999)

Associate Professor—Information Systems.

B.S., Beijing Institute of Posts and Telecommunications;

M.A., People's U. of China;

Ph.D., U. of Nebraska-Lincoln.

CECELIA R. ZORN (1980)

Professor—Nursing.

B.S.N., UW-Eau Claire;

M.S.N., California State U., Los Angeles;

Ph.D., UW-Milwaukee.

JAMES ZWICKY (2011)

Assistant Professor—Music and Theatre Arts.

B.S., UW-Madison;

M.F.A., Yale University.

MARY ZWYGART-STAUFFACHER (2000)

Professor—Nursing.

B.S.N., U. of Dubuque;

M.S., Rush U.;

Ph.D., UW-Milwaukee.

FACULTY AND ACADEMIC STAFF EMERTI

Effective: March 15, 2012

Prepared by Deb Lang in the Chancellor's Office. Any corrections, please email langda@uwec.edu

MARY ELLEN ALEA, M.A.

(1972-2007) *English*

TERRY J. ALLEN, Ph.D.

(1988-2008) *Theatre Arts*

DELBERT M. ANDERSON, M.S.

(1965-1994) *Mathematics*

KATHRYN E. ANDERSON, Ph.D.

(1984-2003) *Family Health Nursing*

KENNETH A. ANDERSON, M.S.

(1968-1995) *Kinesiology*

ROGER C. ANDERSON, Ph.D.

(1970-1993) *Curriculum and Instruction*

KARL A. ANDRESEN, Ph.D.

(1956-1988) *Political Science*

GWENDOLYN N. APPLEBAUGH, Ph.D.

(1986-2011) *Mathematics*

WILLIAM K. APPLEBAUGH, Ph.D.

(1987-2011) *Mathematics*

ANGELO ARMENDARIZ, Ph.D.

(1970-2003) *Foreign Languages*

HILDE BACHARACH, Ph.D.

(1962-1985) *Foreign Languages*

DAVID A. BAKER, D. Mus.

(1975-2005) *Music and Theatre Arts*

NANCY RICE BAKER, M.M.

(1968-2004) *Music*

TERRY BALDING, Ph.D.

(1967-2002) *Biology*

DONALD J. BALLEGEER, Ph.D.

(1970-1999) *Physics and Astronomy*

JOHN J. BALTES, M.S.Ed.

(1966-1998) *Voice Communication—*

Loss Prevention and Safety

ROBERT BARGANZ, Ph.D.

(1971-2002) *Curriculum and Instruction*

GARY E. BARTLETT, M.A.

(1985-2005) *Parking and Transportation*

CHARLES R. BAUER, M.S.

(1965-1999) *Business and Student Services*

STEVE R. BAUMGARDNER, Ph.D.

(1973-2007) *Psychology*

RICHARD K. BECKMAN, M.S.

(1961-1990) *Media Development Center*

RICHARD BEHLING, Ph.D.

(1967-2002) *Philosophy and Religious Studies*

SUSAN D. BEHLING, Ed.D.

(1985-2006) *Accounting and Finance* ** previously listed as Susan Haugen

TEKLA K. BEKKEDAL, Ph.D.

(1968-1991) *Foundations and Library Science*

RICHARD A. BELL, M.A., M.L.S.

(1971-2001) *Library Services*

DIANN G. BENESH, M.S.

(1976-2008) *Economics*

JAMES J. BENNING, Ed.D.

(1957-1997) *Psychology*

WILLIAM BENSON, M.F.A.

(1968-1998) *Art*

ROBERT W. BERGER, M.S.

(1969-1998) *Accounting and Finance*

JANICE K. BERRY, EdD, RN, FNP-BC

(1996-2012) *Nursing*

JANE COLVILLE BETTS, Ph.D.

(1977-1996) *English*

ORVILLE L. BIERMAN, Ph.D.

(1971-1997) Mathematics

JUDITH A. BLACKSTONE, Ph.D.

(1980-2008) Counseling Services

PAUL D. BLANCHARD, M.A.

(1962-1993) Mathematics

JAMES O. BOLLINGER, M.S.

(1970-1997) Facilities Planning and Management

MARCIA C. BOLLINGER, M.A.

(1988-2011) Nursing

ADA S. BORS, M.F.A.

(1974-1999) University Centers and Programs

ADAM BORS Jr., Ph.D.

(1967-1998) Foreign Languages

MARJORIE S. BOTTOMS, Ph.D.

(1985-2000) Nursing Systems

THOMAS P. BOUCHARD, Ph.D.

(1970-2000) Geography

RICHARD K. BOYUM, Ed.D.

(1973-2004) Counseling Services

CHARLES J. BRENNER, Ph.D.

(1987-2000) Library Services

NORMA J. BRIGGS, Ph.D.

(1975-1997) Adult Health Nursing

WILLIAM T. BROWN, Ed.D.

(1968-1999) Psychology

THOMAS BROWNE, Ph.D.

(1962-1989) English

JAMES J. BRUMMER, Ph.D.

(1973-2004) Philosophy and Religious Studies

JOHN L. BUCHHOLZ, Ph.D.

(1969-2001) English

RICHARD R. BUCK, Ph.D.

(1972-1997) Foundations and Library Science

RONALD J. BUCKLEY, B.S.

(1984-2002) Media Development Center

VESTA BUETOW, M.A.

(1966-1988) Physical Education and Athletics

MARILYN Y. BURGESS, M.S.

(1967-1992) Family Health Nursing

DONALD D. BURK, Ph.D.

(1961-1986) Elementary Education

ADAM C. CAHOW, Ph.D.

(1965-1996) Geography

CHARLES T. CAMPBELL, M.F.A.

(1968-1990) Art

DONALD L. CAMPBELL, Ph.D.

(1969-2001) Chemistry

LINDA J. CARPENTER, Ph.D.

(1976-2009) Communication Sciences and Disorders

JANET W. CARSON, M.F.A.

(1965-1991) Art

WILLIAM E. CAYLEY, Ph.D.

(1970-1994) Associate Dean, College of Business

LINDA R. CECCHINI, M.A.

(1972-2001) Library Services

PENELOPE CECCHINI, M.M., D.A.G.S.

(1966-2002) Music

JULES S. CHAN, M.A.

(1968-1995) Political Science

PHILIP J. CHENIER, Ph.D.

(1970-2000) Chemistry

MICHAEL E. CHRISTOPHERSON, M.F.A.

(1981-2008) Art & Design

PATRICIA M. CHRISTOPHERSON, M.S.S.W.

(1977-2005) Associate Dean, Education and Human Sciences

PHILIP A. CHUTE, Ph.D.

(1969-1999) Physics and Astronomy

WILMA J. CLARK, Ph.D.

(1978-2005) Associate Dean, College of Arts and Sciences

M. JOHN CLOSE, Ph.D.

(1975-1996) Management and Marketing

JAMES CLUTE, M.A.

(1970-2003) Music

ELROY J. CONDIT, Ed.D.

(1965-1986) Psychology

GERALD L. CONNER, J.D.

(1977-2000) Communication and Journalism

BARBARA A. CROSBY, M.S.

(1978-1996) Academic and Career Services

DAVID B. CROWE, Ph.D.

(1963-1994) Biology

JEAN H. CROWE, M.S.

(1964-1997) Biology

MICHAEL G. CUNNINGHAM, D.M.

(1973-2006) Music

ALLEN L. CURTIS, M.A.

(1966-1998) English

CHERYL L. CUTSFORTH, M.L.S.

(1975-2011) Library Services

JOHANNES U. DAHLE, M.A.

(1966-1995) Development and University Relations

HELEN N. DALE, Ph.D.

(1981-2008) English

KEITH B. DANIELS, M.A.

(1963-1997) Physics and Astronomy

KAREN H. DANIELSON, M.S.

(1972-2001) Family Health Nursing

ANANTA M. DASGUPTA, Ed.D.

(1974-1997) Psychology

J. KENNETH DAVIDSON Sr., Ph.D.

(1976-2004) Sociology

GENE P. DECKER, Ph.D.

(1976-2002) Allied Health Professions

RONALD L. DECKER, Ph.D.

(1972-2007) Management and Marketing

KENNETH P. DE MEUSE, Ph.D.

(1990-2008) Management and Marketing

ALLEN A. DENIO, Ph.D.

(1964-1996) Chemistry

WIL T. DENSON, Ph.D.

(1969-1999) Theatre Arts

BEVERLY A. DICK, M.A.

(1967-1998) Music

R. DALE DICK, Ph.D.

(1966-1998) Psychology

RICHARD M. DIRKS, M.S.

(1971-2001) Information and Technology Management

SANDRA A. DIRKS, M.S.N.

(1973-2000) Nursing Systems

JOHN C. DIXON, Ph.D.

(1968-1993) Biology

V. THOMAS DOCK, Ph.D.

(1992-2010) Dean, College of Business

BEVERLY J. DRETZKE, Ph.D.

(1987-2006) Psychology

JOHN P. DROST, Ph.D.

(1985-2011) Mathematics

LINDA L. DUFFY, M.S.N.

(1992-2012) Nursing

STANLEY J. EDIGER, M.A.

(1980-2005) Mathematics

JAMES P. EGAN, Ph.D.

(1970-1997) Economics

MOHAMED B. ELGINDI, Ph.D.

(1987-2011) Mathematics

CALVIN ELAND, Ed.D.

(1969-1988) Secondary and Continuing Education

DONALD L. ELLICKSON, Ph.D.

(1958-1994) Economics

ROBERT C. ELLIOTT, M.S.T.

(1965-1996) Physics and Astronomy

EDMUND K. ELWORTHY, M.A.

(1965-2000) Foundation and Development

BARBARA E. ERDMAN, Ph.D.

(2000-2010) Education Studies

KARL L. ERICKSON, Ph.D.

(1974-1998) Allied Health

DONALD E. ETNIER, Ph.D.

(1966-1994) Accountancy

MARIE S. EVANS, M.S.

(1974-1995) Children's Center

CAROL L. FAIRBANKS, Ph.D.

(1971-1997) English

MARCUS J. FAY, Ph.D.

(1953-1987) Biology

SUSANNE FELBER, M.S.

(1969-2001) Admissions

GLORIA L. FENNELL, Ph.D.

(1998-2011) Social Work

JAMES E. FIELDS, Ph.D.

(1984-1994) Communication and Journalism

FLETCHER, KRISTINE K.

(1982-2011) Music and Theater Arts

RICHARD W. FLETCHER, D.M.A.

(1982-2011) Music and Theater Arts

RICHARD D. FLORENCE, M.A.

(1984-1996) Arts and Sciences Outreach

GEORGE FLORO, Ph.D.

(1964-1984) Sociology

KENNETH G. FOOTE, Ph.D.

(1966-1990) Biology

LESLIE A. FOSTER, M.S.

(1969-2008) Library Services

J. BRADY FOUST, Ph.D.

(1971-2008) Geography and Anthropology

WILLIAM R. FRANKENBERGER, Ph.D.

(1976-2008) Psychology

DAVID J. FRANKS, Ph.D.

(1981-2006) Special Education

ROBERT S. FRASER, Ph.D.

(1967-1995) History

C. ROBERT FROST, Ph.D.

(1983-1998) International Education

RICHARD E. FUHRER, Ph.D.

(1971-2003) Psychology

ROBERT J. FULLER, M.S.

(1969-2001) Media Development Center

ALAN J. GALLAHER, Ph.D.

(1989-2007) Communication Sciences and Disorders

LEONARD L. GAMBRELL, Ph.D.

(1966-2002) Political Science

ALICE K. GANSEL, M.A.

(1967-1995) Kinesiology

LAURIE F. GAPKO, M.S.T.

(1969-2002) University Centers and Programs

ANDREA GAPKO, M.S.T.

(1974-2011) Academic Skills Center

PATRICIA GARBER, M.S.

(1970-2005) Adult Health Nursing

W. JACK GARBER, M.S.

(1965-1999) Foundations of Education

R. KENT GARRISON, Ph.D.

(1965-1990) Counseling Services

PATRICK C. GEORGE, Ph.D.

(1963-1991) Political Science

WILLIS GERTNER, Ph.D.

(1967-1994) Philosophy and Religious Studies

DIANE M. GILBERTSON, M.S.

(1975-2001) University Centers and Programs

MELVIN E. GLEITER, Ph.D.

(1964-1991) Chemistry

LARRY R. GLEN, B.A.

(1978-2009) Learning and Technology Services

A. DAVID GORDON, Ph.D.

(1997-2002) Communication and Journalism

STEPHEN S. GOSCH, Ph.D.

(1969-2008) History

ROBERT J. GOUGH, Ph.D.

(1981-2011) History

PAUL N. GRABER, Ph.D.

(1992-2006) Kinesiology

EDSEL GRAMS, C.P.A.

(1963-1996) Accounting and Finance

ROGER L. GROENEWOLD, M.S.

(1970-2000) Admissions

RITA M. GROSS, Ph.D.

(1973-1998) Philosophy and Religious Studies

ARTHUR F. GULIG, B.A.

(1970-2011) Music and Theater Arts

JAMES M. GULLERUD, M.A.

(1963-1996) Foreign Languages

HARVEY S. GUNDERSON, Ph.D.

(1974-2000) Management and Marketing

RICHARD L. GUNN, Ph.D.

(1968-1999) Foreign Languages

CHARLES B. GUSTAFSON, M.S.

(1981-1998) Executive and Professional Programs

BERGINE A. HAAKENSEN, M.A.

(1986-2005) English

CAROLE SWAN HALBERG, B.A.

(1981-2007) UW-Eau Claire Foundation and Chancellor's Office

KATE HALE-WILSON, Ph.D.

(1987-2011) English

DOUGLAS A. HALLATT, Ed.D.

(1969-2003) College of Business

MARGARET M. HALLATT, M.S.

(1969-2003) Housing and Residence Life

WILLIAM J. HANNAFORD, Ph.D.

(1976-2006) Management and Marketing

DAVID F. HANSEN, M.A.

(1977-2003) Communication and Journalism

JAN M. HANSEN, Ph.D.

(1985-2002) Economics

CHARLES M. HANSON, Ph.D.

(1976-2007) English

HARRY R. HARDER, Ph.D.

(1968-1996) English

SARAH S. HARDER, M.A.

(1968-2000) English

JEANNIE M. HARMS, M.E.P.D.

(1980-2007) Advising and New Student Initiatives

WILLIAM B. HARMS, Ph.D.

(1980-2007) Student Services

JERRY L. HARPER, Ph.D.

(1966-1993) Psychology

CARL N. HAYWOOD, Ph.D.

(1967-1999) History

KENNETH A. HEILMAN, Ph.D.

(1965-1997) Psychology

ELIZABETH A. HICKS, M.S.E.

(1987-2005) Services for Students with Disabilities

PAUL D. HILBRICH, Ph.D.

(1968-1997) Music

JOHN S. HILDEBRAND, M.F.A.

(1977-2009) English

MICHAEL J. HILGER, Ph.D.

(1968-1998) English

IDA HINZ, Ph.D.

(1949-1983) Physical Education

TIMOTHY J. HIRSCH, Ph.D.

(1967-2001) English

JOSEPH C. HISRICH, M.A.

(1969-2001) Academic and Career Services

YUI TIM HO, Ph.D.

(1972-2006) Biology

GLORIA J. HOCHSTEIN, M.A.

(1977-2008) English

ROMA B. HOFF, Ph.D.

(1965-1996) Foreign Languages

JACK P. HOGGATT, Ed.D

(1979-2011) Business Communication

RUPERT K. HOHMANN, Ph.D.

(1966-1989) Music

LARRY R. HONL, Ph.D.

(1977-2010), Business Communication

EDNA S. HOOD, Ph.D.

(1965-1994) English

CAROLYN M. HOPP, Ph.D.

(1978-2004) Mathematics

WILBUR F. HOPPE, M.S.

(1960-1994) Mathematics

KAREN A. HORAN, M.A.

(1978-2004) Art & Design

CHARLOTTE HUBERT, M.S.

(1952-1983) Music

RODNEY HUDSON, M.F.A.

(1971-2003) Music

JEANNE HUGO, Ph.D.

(1970-1990) Associate Dean of Students

JOHN M. HUNNICUTT, Ph.D.

(1963-1988) Sociology and Anthropology

M. ZAKIR HUSAIN, Ph.D.

(1968-1989) Business Administration

JOSEPHINE A. INGLE, Ph.D.

(1979-2005) Mathematics

ALAN S. JACKSON, Ph.D.

(1967-1990) English

SISTER M. JOEL JACOBI, M.S.N.

(1970-1995) Family Health Nursing

GERALD G. JAHN, M.S.

(1964-1988) Mathematics

ROBERT G. JANKE, M.A.

(1966-2002) Geography and Anthropology

MICHAELENE P. JANSEN, Ph.D.

(1981-2011) Nursing

THOMAS R. JEWELL, Ph.D.

(1970-1999) Biology

DALE A. JOHNSON, Ph.D.

(1987-2005) Associate Dean, College of Business

DAVID J. JOHNSON, Ph.D.

(1968-1988) Social Work

JOHN C. JOHNSON, M.A.

(1966-1995) Mathematics

RODNEY H. JOHNSON, Ph.D.

(1967-1990) Dean of Education

ROGER D. JOHNSON, B.S.

(1971-1994) Recreation

HELENA L. JONES, Ph.D.

(1975-2004) Biology

RICHARD W. JOSLIN, M.F.A.

(1965-1992) Art

LLOYD H. JOYAL, Ph.D.

(1965-1992) Curriculum and Instruction

MARILYN J. KANNE, B.S.

(1976-2009) Continuing Education

RICHARD A. KARK, M.D.

(1988-2004) Health Services

STEPHEN R. KATROSITS, M.F.A.

(1968-2003) Art

RONALD W. KEEZER, M.S.T.

(1969-2001) Music

ERNA M. KELLY, Ph.D.

(1983-2011) English

P.J. KENNEDY, Ph.D.

(1984-2010) Counseling Services

MIMI KING, M.L.S.

(1991-2007) Library Services

THOMAS W. KING, Ed.D.

(1988-2005) Communication Sciences and Disorders

RICHARD L. KIRKWOOD, B.A.

(1963-1998) English

ANN G. KLEIN, Ph.D.

(1990-2000) Curriculum and Instruction

JOEL R. KLINK, Ph.D.

(1963-1997) Chemistry

DENNIS L. KNUTSON, D.B.A.

(1973-2004) Accounting and Finance

WILLARD M. KORN, Ph.D.

(1968-2000) Management Information Systems

RONALD J. KOSHOSHEK, M.A.

(1969-1999) Philosophy and Religious Studies

PAUL R. KOSOWER, M.M.

(1970-2007) Music and Theatre Arts

SANDRA A. KOTTKE, M.S.N.

(1978-2001) Family Health Nursing

JUDITH A. KRUCKMAN, M.S.

(1966-1998) Kinesiology and Athletics

STEPHEN J. KURTH, Ph.D.

(1968-2001) School of Education

JAMES E. LABARRE, Ph.D.

(1970-2003) Management Information Systems

JEAN LAMB, M.N.Ed.

(1970-1992) Adult Health Nursing

ROBERT W. LANGER, Ph.D.

(1975-2005) Mathematics

ANN LAPP, M.S.T.

(1969-2003) Academic and Career Services

LEONARD LARSEN, Ph.D.

(1971-2003) Computer Science

CHARLES O. LARSON, Ed.D.

(1970-1999) Graduate Studies and Outreach—Education

VICKI LORD LARSON, Ph.D.

(1973-1991; 2005-2006) Communication Sciences and Disorders; Chancellor

JACK M. LAUBER, Ph.D.

(1967-1997) History

MARGARET C. LAUBER, M.F.A.

(1969-2001) English

JOHN G. LAWLER Jr., M.F.A.

(1968-1996) Art

ANTONIO M. LAZCANO, Ph.D.

(1963-1996) Foreign Languages

ESTHER C. LAZCANO, D. Law

(1964-1996) Foreign Languages

KEITH A. LEITNER, Ph.D.

(1974-1999) Economics

MELVIN O. LEWIS, Ph.D.

(1987-2000) Kinesiology and Athletics

ROBERT R. LIESKE, MET

(1983-2010) Nursing and Health Sciences

THOMAS E. LILLY, M.A.

(1967-1996) Art

JOHNG KI LIM, Ph.D.

(1963-1999) Biology

CHRISTOPHER T. LIND, Ph.D.

(1992-2006) University Research

WAYNE P. LINDQUIST, Ph.D.

(1965-1995) English

MICHAEL LINDSAY, Ph.D.

(1978-2002) Curriculum and Instruction

TAMARA P. LINDSEY, Ph.D.

(1992-2011) Education Studies

HENRY W. LIPPOLD, M.S.

(1972-2001) Communication and Journalism

BRUCE W. N. LO, Ph.D.

(2002-2012) Information Systems

DAVID R. LUND, Ph.D.

(1966-2000) Mathematics

JUDITH E. LUND, Ph.D.

(1978-1999) Chemistry

IVAR LUNDE, M.A.

(1968-2003) Music

NANETTE G. LUNDE, M.Mus.

(1969-2003) Music

LAWRENCE D. LYNCH, M.A.

(1990-2000) Library Services

BARBARA R. MACBRIAR, Ph.D.

(1990-2006) Family Health Nursing

MAUREEN D. MACK, Ph.D.

(1979-2011) Education Studies

KAREN E. MADDOX, MPH

(1979-2010) Nursing

KAY MAGADANCE, M.S.T.

(1974-2006) Institutional Planning

CAROLINE G. MAJAK, Ed.D.

(1990-2004) Curriculum and Instruction

RALPH H. MARKING, Ph.D.

(1963-1997) Chemistry

LAWRENCE T. MARTIN, Ph.D.

(1998-2008) American Indian Studies Program

DONALD J. MASH, Ph.D.

(1998-2005) Chancellor

LUCRETIA S.W. MATTSO, D.B.A.

(1975-2007) Accounting and Finance

RHODA J. MAXWELL, Ph.D.

(1984-1995) English

WILLIAM E. McDONNELL, Ph.D.

(1968-1996) Theatre Arts

KENNETH D. McINTIRE, Ph.D.

(1973-2001) Psychology

KATHERINE V. McINTYRE, M.A.

(1978-2003) Library Services

MARGARET McMILLEN, Ph.D.

(1968-1993) Communication Disorders

MARY JORDAN MEISER, Ed.D., Ed.M.

(1976-2003) English

WILLIAM F. MELLIEN, M.A., M.F.A.

(1984-2001) Theatre Arts

JOHN E. MELROSE, Ed.D.

(1970-2005) Management Information Systems

JAMES MERKEL, M.C.S.

(1967-1994) Physics and Astronomy

PAUL Y. MERLO, Ph.D.

(1971-2001) Foreign Languages

MARY J. MERO, M.Ed.

(1969-2000) Kinesiology

RONALD E. MICKEL, Ph.D.

(1961-2003) Honors Program; History

GERALD S. MILLER, M.B.A.

(1987-2000) Business and Student Services

THOMAS F. MILLER, Ph.D.

(1967-2007) History

HELAINÉ K. MINKUS, Ph.D.

(1972-2008) Geography and Anthropology

KATHLEEN M. MITCHELL, Ph.D.

(1979-2001) Business and Student Services

WILLIAM M. MITCHELL, Ph.D.

(1964-1993) Business Education and Administrative Management

SUE E. MOORE, M.A.

(1993-2011) Registrar

THOMAS K. MOORE, M.S.

(1983-2007) Computer Science

JANICE M. MORSE, M.A.

(1978-2008) Academic Affairs

LARRY A. MORSE, Ph.D.

(1977-2006) Psychology

WINIFRED A. MORSE, Ph.D.

(1981-2007) Adult Health Nursing

RONALD S. MORTALONI, M.S.

(1968-1995) Curriculum and Instruction

EDWARD MUZIK, Ph.D.

(1966-1987) History

JOAN ROHR MYERS, M.A.

(1976-2001) Communication and Journalism

PAUL E. MYERS, Ph.D.

(1969-1995) Geology

PAUL NAGEL, Ph.D.

(1957-1985) Elementary Education

DAVID G. NELSON, Ph.D.

(1990-2001) Communication Disorders

DEAN P. NELSON, Ph.D.

(1965-1997) Chemistry

ROBERT R. NELSON, Ph.D.

(1972-2003) Allied Health Professions

DANIEL R. NEWMAN, D.M.A.

(1986-2011) Music

DANIEL A. NORSTEDT, M.A.

(1972-2002) Library Services

DAVID A. NUESSE, Ph.D.

(1965-2001) Mathematics

SCOTT F. OATES, Ph.D.

(1998-2011) English

DAMIAN J. O'BRIEN, B.A.

(1978-2007) Admissions

JUDY K. OCHRYMOWYCZ, M.S.

(1971-1999) Chemistry

LEO A. OCHRYMOWYCZ, Ph.D.
(1969-1999) Chemistry

EDITH J. O'CONNOR, M.A.
(1963-1996) Foreign Languages

JAMES E. OLESON, M.S.
(1969-2000) Academic and Career Services

MARJORIE A. OLESON, Ph.D.
(1984-2000) Nursing Systems

MARK C. OLSEN, M.A.
(1968-2001) Academic and Career Services

JAMES OLSON, Ph.D.
(1959-1987) English

ROY A. OLSON, Ph.D.
(1970-1999) Psychology

DIANE J. OMTVEDT, Assoc. in Arts
(1986-2006) Student Health Services

PATRICIA M. OSTMOE, Ph.D.
(1982-1997) Nursing Systems

DUANE B. OYEN, Ph.D.
(1976-2007) Economics

LAWRENCE OZZELLO, Ph.D.
(1971-1997) Accounting and Finance

RICHARD PALM, M.S.
(1968-2002) Geography and Anthropology

DON C. PARKER
(1977-1999) Kinesiology

NICHOLAS PASSELL, Ph.D.
(1982-2011) Mathematics

DUANE R. PAULL, Ed.D.
(1977-1991) Mathematics

WILMER A. PAUTZ, Ph.D.
(1963-1993) Foundations and Library Science

DOUGLAS A. PEARSON Jr., M.S.
(1963-1997) English

WILLIAM H. PEARSON III, M.F.A.
(1966-1997) Art

THOMAS C. PECK, B.A.
(1989 - 2010) Housing and Residence Life

GARY PENNANEN, Ph.D.
(1967-1993) History

DANIEL J. PERKINS, Ph.D.
(1982-2006) Communication and Journalism

TIMOTHY A. PETERMANN, B.A.
(1971-2007) Athletics

THEODORE PETERS, Ph.D.
(1971-1993) Communication Disorders

DWAYNE D. PETERSON, Ph.D.
(1974-1993) Special Education

JEAN M. PETERSON, M.E.P.D.
(1988-2011) Continuing Education

BOBBY L. PITTS, M.F.A.
(1988-2006) Art & Design

JOHN R. PLADZIEWICZ, Ph.D.
(1973-2002) Chemistry

MANFRED A. POITZSCH, Ph.D.
(1964-1996) Foreign Languages

TONI L. POLL-SORENSEN, Ph.D.
(1988-2011) Music and Theater Arts

EDWARD A. POND, Ph.D.
(1966-1992) History

DAVID A. PONICK, Ph.D.
(1976-1997) Mathematics

MAX POOLE, Ed.D.
(1970-1985) Elementary Education

KAREN O. POPE, M.S.L.S.
(1992-2007) Library Services

CLEO POWERS, M.S.

(1971-2003) Library Services

THOMAS B. PRIOR, Ph.D.

(1969-2000) Kinesiology and Athletics

E. MILO PRITCHETT, Ed.D.

(1972-1996) Special Education

DAVID E. PROCTOR, Ph.D.

(1966-1991) Psychology

KATHRYN PROCTOR DUAX, D.M.A.

(1970-2007) Music and Theatre Arts

ROI F. PRUEHER, Ph.D.

(1972-1994) Computing and Networking Services

JANET M. QUARDERER, M.A.T.

(1984-2004) Computer Science

ROGER J. QUEALY, Ed.D.

(1967-1997) Curriculum and Instruction

TIT RAID, M.F.A.

(1967-2002) Art

DONNA RALEIGH, M.S.

(1977-2009) Learning and Technology Services

PAOLO RANALDI, M.A.

(1984-2010) Mathematics

WILLIAM K. REECE, Ed.D.

(1970-1984) Psychology

DONALD E. REYNOLDS, Ph.D.

(1992-2011) Mathematics

KATHERINE A. RHOADES, Ph.D.

(1996-2007) Dean, College of Education and Human Sciences

DANIEL F. RICE, Ph.D.

(1970-1997) Philosophy and Religious Studies

JERRY L. RICHARDS, D.Min

(1985-2011) Philosophy and Religious Studies

ELIZABETH B. RICHMOND, M.A.

(1989-2008) Library Services

RICK RICHMOND, M.S.

(1989-2009) Learning and Technology Services

ALICE A. RIDGE, M.A.

(1967-1996) Communication and Journalism

JOHN W. RIDGE, Ed.D.

(1967-1996) Foundations and Library Science

ALVIN E. ROLLAND, M.A.

(1963-1992) Mathematics

BARBARA J. ROLLAND, M.A.

(1960-1993) Foreign Languages

ROBERT F. ROSE, M.L.S.

(1998-2006) Libraries

JEROME J. ROTTIER, Ph.D.

(1982-1999) Curriculum and Instruction

THOMAS C. ROUSE, Ph.D.

(1967-1998) Biology

AUGUST RUBRECHT, Ph.D.

(1971-2006) English

CHARLES E. RUMPEL, M.S.T.

(1970-2004) Business Services

CONSTANCE J. RUSSELL, B.A.

(1975-2011) Registrar

MARY K. RYAN-MILLER, M.S.

(1985-2008) Student Development and Diversity

ROBERT V. ST. LOUIS, Ph.D.

(1968-1998) Chemistry

W. ROBERT SAMPSON, Ph.D.

(1980-2006) Communication and Journalism

ROBERT D. SATHER, M.S.

(1966-1996) Financial Aid

WALTER SCHAFFER Jr., M.S.

(1973-2002) *Biology*

JOAN S. SCHARLAU

(1977-1993) *Personnel Services*

JOHN R. SCHILLAK, Ph.D.

(1973-1996) *Management Information Systems*

MILTON M. SCHIMKE, Ed.D.

(1969-1996) *Music*

RONALD D. SCHLATTMAN, Ed.D.

(1971-1999) *Business Communication*

KENNETH C. SCHMIDT, Ph.D.

(1985-2007) *Curriculum and Instruction*

NOLA A. SCHMITT, Ph.D.

(1979-2008) *Nursing*

LARRY G. SCHNACK, Ph.D.

(1965-1998) *Chancellor; Chemistry*

KATHERINE S. SCHNEIDER, Ph.D.

(1990-2004) *Counseling Services*

RALPH T. SCHNEIDER, Ph.D.

(1969-1996) *English*

FREDERICK C. SCHULTZ, Ph.D.

(1968-1992) *Physics and Astronomy*

SANDRA SCHUMACHER, A.M.

(1968-1994) *Physical Education and Athletics*

THOMAS L. SCHWARTZ, B.S.

(1968-2002) *Housing and Residence Life*

ROBERT S. SCOTT, Ph.D.

(1966-2001) *Kinesiology*

SUMNER T. SCOTT, M.S.

(1962-1990) *Physics and Astronomy*

SANDRA L. SEEFELDT, B.S.N.

(1987-2008) *Student Health Services*

J. ROGER SELIN, Ph.D.

(1966-2006) *Accounting and Finance*

ANDERS C. SHAFER, M.F.A.

(1968-2001) *Art*

ROBERT T. SHAW, M.S.

(1970-2004) *Student Development and Diversity*

MEHDI SHEIKHOESLAMI, Ph.D.

(1988-2008) *Accounting and Finance*

GRACE B. SHIPLEY, M.A.

(1957-1985) *English*

M. JAMES SIMONSEN, M.S.

(1957-1993) *Physics and Astronomy*

MORTON SIPRESS, M.A.

(1966-2000) *Political Science*

SYLVIA R. SIPRESS, Ph.D.

(1964-1998) *Political Science*

MARILYN SKRIVSETH, Ph.D.

(1979-2008) *Kinesiology*

MARJORIE R. SMELSTOR, Ph.D.

(1990-2001) *English*

WILLIAM G. SMETHELLS, Ph.D.

(1968-2002) *Physics and Astronomy*

NICKOLAS P. SMAR, Ph.D.

(1989-2009) *Social Work*

EDWIN L. SMITH, D.M.A.

(1974-2001) *Music*

KENNETH SMOOT, Ph.D.

(1966-1993) *Psychology*

VICKI E. SNIDER, Ph.D.

(1986-2011) *Special Education*

BIRDELL SNUDDEN, Ph.D.

(1966-1996) *Biology*

RICHARD D. SNYDER, Ph.D.

(1987-2003) *Mathematics*

ANDREW K. SOLL, M.M., M.B.A.

(1999-2008) Business and Student Services

BEVERLY A. SOLL, D.M.A.

(1999-2008) University Centers

BURTON SPANGLER, M.S.

(1967-1996) Media Development Center

BILLIE SPARKS, Ph.D.

(1969-2004) Mathematics

RITA KISTING SPARKS, Ph.D.

(1967-2002) Nursing Systems; School of Nursing

CHERYL L. STARR, Ph.D.

(1988-2008) Theatre Arts

DAVID L. STEELE, J.D.

(1969-2001) Management and Marketing

ERWIN STEINER, J.D.

(1972-2003) Management and Marketing

SYLVIA STEINER, Ph.D.

(1970-2002) Communication Disorders

DeLOYD E. STERTZ, M.A.

(1957-1990) Mathematics

BARBARA R. STEVENS, M.L.S.

(1969-2005) Library Services

PATRICIA STOFFERS, M.A.

(1981-2011) Academic Skills Center

MARGIE E. STONE, Ph.D.

(1986-2002) Curriculum and Instruction

MARIE-FRANCE STROHSCHANK, License en Philologie Germanique

(1989-2011) Foreign Languages

PAULA J. STUETTGEN, B.A.

(1977-2011) University Centers

TERRY L. SULLIVAN, B.S.

(1972-1998) Business Services

MARILYN SUNDBY, M.S.

(1977-1992) Curriculum and Instruction

CAROL L. SWANSON, Ph.D.

(1972-2002) Allied Health Professions; School of Education "previously listed as Klun

SANDRA S. SWEENEY, Ph.D.

(1982-1997) Nursing Systems

LOIS B. TAFT, Ph.D.

(1986-1990; 2000-2009) Nursing

STEVEN H. TALLANT, Ph.D.

(1994-2008) Provost, Social Work

BRUCE E. TAYLOR, M.F.A.

(1972-2007) English

DALE B. TAYLOR, Ph.D.

(1969-2004) Allied Health Professions

STEVEN TERWILLIGER, M.A., M.F.A.

(1981-2008) Art & Design

ROGER L. THIEDE, Ph.D.

(1975-2001) Geography

GLENN J. THOMPSON, Ed.D.

(1970-1997) Foundations and Library Science

JOHN R. THURSTON, Ph.D.

(1958-1987) Psychology

JOHN R. TINKER Jr., Ph.D.

(1982-2002) Geology

ROGER H. TLUSTY, Ph.D.

(1979-2008) Foundations of Education

BLAGOY P. TRENEV, Dipl. Spec.

(1977-1997) English

ANNE M. UTSCHIG, Ph.D.

(1986-2008) English

PAUL A. VANDERHEIDEN, Ph.D.

(1983-2004) Accounting and Finance

FRED A. WAEDT, M.B.A.

(1972-2002) Accounting and Finance

PAUL J. WAGNER, Ph.D.

(2002-2011) *Computer Science*

JANICE WASHBURN, M.S.
(1969-1993) *Recreation*

DARWIN WASSINK, Ph.D.
(1976-1998) *Economics*

D. DOUGLAS WATERS Jr., Ph.D.
(1968-1998) *English*

SALLY A. WEBB, Ph.D.
(1965-2002) *Communication and Journalism*

D. WALLACE WEIL, J.D.
(1971-2002) *Management and Marketing*

KAREN A. WELCH, Ph.D.
(1987-2009) *English*

RICHARD G. WELD, Ph.D.
(1972-1997) *Special Education*

DEBORAH E. WELLS, M.Ed.
(1993-2011) *Bursar*

L. ELAINE WENDT, Ph.D.
(1969-2008) *Nursing*

JOAN STEHLE WERNER, D.N.S.
(1981-2008) *Nursing*

JOHN E. WHOOLEY, Ed.D.
(1969-1992) *Education*

MARSHALL E. WICK, Ph.D.
(1956-1991) *Mathematics*

JEAN A. WILCOX, M.S.
(1981-2005) *Career Services*

JAMES M. WILLIAMS, Ph.D.
(1965-1999) *Sociology and Anthropology*

RONALD WILLIS, Ph.D.
(1967-1992) *Geology*

BONNIE M. WILKOM, M.S.E.
(1981-2002) *Communication Disorders*

MICHAEL D. WILSON, Ph.D.
(1978-2007) *Accounting and Finance*

BARBARA L. WIMUNC-PEARSON, D.M.A.
(1981-2008) *Music*

THOMAS W. WINEINGER, Ph.D.
(1970-2004) *Mathematics*

ELMER WINTERS, Ph.D.
(1967-1992) *Foundations and Library Science*

JANICE B. WISNER, B.A.
(1985-2001) *News Bureau*

KAREN E. WITT, M.S.N.
(1976-2001) *Nursing Systems*

RICHARD M. WITT, M.S.
(1975-2001) *Mathematics*

JEROME L. WITTHOFT, B.S.
(1977-2001) *Personnel Services*

DARWIN WITTROCK, Ph.D.
(1976-2010) *Biology*

WAYNE R. WOLFERT, Ph.D.
(1959-1989) *Communication and Theatre Arts*

JOHN E. WOODRUFF, Ph.D.
(1964-1996) *Biology*

KAREN M. WOODWARD, Ph.D.
(1984-2002) *Foreign Languages*

SHIRLEY P. WRIGHT-LITCHFIELD, M.S.
(1965-1986) *Sociology and Anthropology*

ALAN P. WUNSCH, Ed.D.
(1989-1999) *Business Communication*

WALTER WUSSOW, Ph.D.
(1967-1994) *History*

DONALD YOUNG, Ph.D.
(1962-1987) *Psychology*

EDWARD G. YOUNG, Ph.D.

(1977-2008) Economics

JERRY A. YOUNG, Ed.D.
(1983-2011) Music

STEVEN ZANTOW, M.S.
(1976-2005) Financial Aid

DONALD W. ZEUSCHEL, M.S.
(1979-2006) University Research

Addendum to 2012-2013 UW-Eau Claire Undergraduate Catalog

Updated as of October 11, 2012

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Less than half-time	Less than 6 credits	Less than 4 credits
Winterim Session		
Status	Undergraduate	Graduate
Full-time	2 credits	2 credits
1/2 time	1 credit	1 credit
Summer Session		
Status	Undergraduate	Graduate
Full-time	12 or more credits	6 or more credits
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Less than half-time	Less than 6 credits	Less than 3 credits

p. 111 CS (Computer Sciences) course descriptions

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From (Current): MATH 109 or concurrent enrollment, or placement into MATH 111, 112, 113, 114, or 215. May be taken concurrently with CS 146.

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ENGL 181 Introduction to Film, Video, and Moving-Image Culture

4 crs. • F, Sp • GE-IVD • **P: Not available for juniors or seniors.**

Lecture/Discussion Hours: 2.5 | Lab/Studio Hours: 3.5

Introduction to critical study of classic and contemporary audio-visual texts, organized around the moving-image, from varied film, video, and other sources. Considerations of art and technology, form and style, and production and reception.

p. 198 MINOR: ACCOUNTING (Code 720-403) The second sentence currently reads in the catalog as follows and is incorrect: **The remaining credits selected from Acct 202, 313, 444, 415, 425, 217.**

It should read as follows: **The remaining credits selected from Acct 302, 313, 415, 417, 425, 444.**

MINOR: ACCOUNTING

(Code 720-403)

Twenty-four semester credits including Acct 201, 202, 301, 314, 321.

The remaining credits selected from Acct 302, 313, 415, 417, 425, 444.

The minor has been designed to provide a general understanding of accounting and its role in society.

NOTE 1: A 2.00 or higher GPA in courses counting toward a minor is required.

NOTE 2: Students selecting this minor must satisfy the College of Business admission requirements prior to enrollment in 300/400 numbered courses in the College of Business.

NOTE 3: A student also completing a major in the College of Business must complete 12 credits that are unique to this minor; Econ 103, 104, and Math 246 will not count as unique credits for this minor.

MINOR: AUDIT AND CONTROL (Code 720-404)

Twenty-seven semester credits including: Acct 301, 302, 313, 430;

p. 198 International Business Minor

There is an error in the new catalogue on page 195, left hand column under the International Business minor, second paragraph, second line, “and either a semester studying abroad or an international internship” should not be there. That requirement is no longer true. Bob Sutton, Associate Dean, COB, 5/9/2012.

International Business Minor

The International Business Minor is designed to enable students to enhance their perspective of the business environment as a global, rather than local, enterprise. Completion of the minor should add value to any major at UW-Eau Claire.

The minor requires foreign language competence at the 201 level ~~and either a semester studying abroad or an international internship.~~ Advanced business courses taken during a study abroad semester will replace the directed study or independent study options listed below.

This minor was designed to complement the UW-Eau Claire Global Studies Minor and to enhance all majors at UW-Eau Claire. Dr. Rama Yelkur (Schneider 300F) and Ms. Abbie Windsor (Schneider 119) are the advisers for students seeking the International Business minor. The minor requires students to meet College of Business admission requirements.

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WMNS 200 was inadvertently listed in both the Approved for Three Credits (CD3) list and the Approved for One Credit (CD1) list. It should only be listed in the Approved for One Credit (CD1) list.

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Students should consult their faculty advisers and develop degree plans as early as possible, so that requirements can be met without delaying graduation. ~~The Registrar’s Office provides a Degree Audit for each student at the beginning of each registration period.~~

p. 262 PLANNING A DEGREE PROGRAM

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To officially declare or change to a new major or minor, a student must go the office of the department of the intended major or minor. Specific instructions can be found at www.uwec.edu/registrar/student/chgofmajor.htm. The url has changed to <http://www.uwec.edu/Registrar/student/Change-of-Major.htm>

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FOREIGN LANGUAGES German, under MAJOR, German, Liberal Arts in the Liberal Arts Emphasis (Code 280-201) and in MAJOR: GERMAN, Teaching (Code 280-204), Hist 102, 184 SHOULD BE CHANGED TO Hist 204, 284 to reflect the re-numbering of courses in History.

MAJOR: GERMAN, Liberal Arts

A minimum of 36 semester credits in German beyond Germ 102, or 28 semester credits beyond Germ 202.

Liberal Arts Emphasis (Code 280-201)

This emphasis requires Germ 313, 314, 315, 325, 363, and two 400-level German courses selected from 413, 480, 482, 491. Courses taken must include at least one from the following list: 480, 482 or equivalent 400-level German course approved by adviser. In addition,

the student must take one course from the following list: ArtH 319, 321; Geog 301; **Hist 102, 184**, 315, 324, 326, 362; Hnrs 103; Phil 338; Pols 327; Rels 378, or an equivalent course approved by the adviser.

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This emphasis requires Germ 313, 314, 315, 316, 325, 358, 413 and at least two credits of Flg 275 (Off-campus Experience) to be completed in a German-speaking country or in a German-speaking business environment in the U.S. In addition, the student must take one course from the following list: Germ 340, 363, 480, 482, or another German course focused on civilization, culture, and/or literature as approved by adviser.

MAJOR: GERMAN, Teaching (Code 280-204)

A minimum of 36 semester credits in German beyond Germ 102, or 28 semester credits beyond Germ 202, including Germ 313, 314, 315, 325, 363, 413; and one of the following: Germ 480, 482, 491. In addition, students must also take Flg 378, as well as at least one course from the following list: ArtH 319, 321; Geog 301; **Hist 102, 184**, 315, 324, 326, 362; Hnrs 103; Phil 338; Pols 327; Rels 378, or an equivalent course approved by the adviser. This major is restricted to students in the College of Education and Human Sciences: Education Studies: Option A or

Faculty and Academic Staff Listing Changes

FROM:

Dr Alexander Smith (1990)

Dept Chair – Mathematics

BA Oxford College of Emory Univ

BS New Mexico State University

PHD Univ of California Berkeley

TO:

Dr Alexander Smith (1990)

Dept Chair – Mathematics

BA Oxford University

BS New Mexico State University

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FROM:

Dr Douglas Faulkner (2000)

Dept Chair – Geography & Anthropology

BA University of Nebraska-Lincoln

BA2 Oxford Brookes University

MS Univ of Wisconsin-Madison

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The UW System office has given final approval on the publication of the new student conduct code, the [Blugold Code](#). This new code merges Chapters UWS 14 (Student Academic Misconduct) & 17 (Student Non-Academic Misconduct) into one document, but it does not change the rights and responsibilities articulated in those separate documents.

The processes and protections afforded students by Chapters 14 & 17 are retained in the Blugold Code. They were merged to help simplify and streamline understanding of our discipline processes. Students will be sent notification of this new change shortly. Student Academic Misconduct information is available on our webpage at <http://www.uwec.edu/DOS/policies/academic/index.htm>. Student Non-Academic Misconduct is available at <http://www.uwec.edu/DOS/policies/Conduct.htm>.

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The Information Systems minor should be included in the list of Undergraduate Business Minors. It was inadvertently deleted when the Information Systems Audit and Control minor was added in the 2009-2010 catalog.

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Three staff members were inadvertently deleted under the under the Chancellor’s Office section and under the Assistant Chancellor for Budget and Finance David Gessner. It should read as follows:

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Director of Business Services.....Mark Reeves
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Bursar.....Kim O’Kelly
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Internal Auditor.....Valerie Wing

p. 29: Academic Policies and Regulations, Classification of Students, Full-Time Students

Current:	Should Be:
Full-Time Students. For fall and spring semesters an undergraduate enrolled for 12 or more credits (excluding audits) is considered a full-time student; and must be enrolled in a minimum of six credits to be considered at least half-time.	Full-Time Students. For fall and spring semesters an undergraduate enrolled for 12 or more credits (excluding audits) is considered a full-time student; and must be enrolled in a minimum of six credits to be considered half-time.
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In the Summer Session, an undergraduate enrolled for 12 credits is considered full-time (six is the minimum for half-time); and a graduate student must be enrolled in seven or more credits to be considered fulltime (four credits is the minimum for half-time).	In the Summer Session, an undergraduate enrolled for 12 credits is considered full-time; six is the minimum to be considered for half-time. A graduate student must be enrolled in six or more credits to be considered fulltime; three credits is the minimum for half-time .
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p. 96: Biology Course Descriptions:

Current:

BIOL 300/500 Genetics

4 crs. • F, Sp • P: BIOL 211 or consent of instructor; and MATH 109 with a grade of C or above.

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

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.

Should Be:

BIOL 300/500 Genetics

4 crs. • F, Sp • P: BIOL 211

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

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.

p. 40: CULTURAL DIVERSITY COURSES

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p. 108: CJ 350/550

The Prerequisite reads: Grades of C or above in CJ 300 and CJ 307, or grades of C or above in BSAD 280 and MGMT 340. Minimum resident and total GPA of 2.50. The course number of BSAD 280 was changed to BSAD 380 effective Fall 2012.

So the Prerequisite should read: Grades of C or above in CJ 300 and CJ 307, or grades of C or above in BSAD 380 and MGMT 340. Minimum resident and total GPA of 2.50.

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Should Be:

BIOL 300/500 Genetics

4 crs. • F, Sp • P: BIOL 211

Lecture/Discussion Hours: 3 | Lab/Studio Hours: 2

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.

p. 40: CULTURAL DIVERSITY COURSES

WMNS 200 is mistakenly listed twice as Approved for Three Credits (CD3) and Approved for One Credit (CD1). It is Approved for One Credit (CD1). Delete it from the Approved for Three Credits (CD3) listing.

p. 108: CJ 350/550

The Prerequisite reads: Grades of C or above in CJ 300 and CJ 307, or grades of C or above in **BSAD 280** and MGMT 340. Minimum resident and total GPA of 2.50. The course number of BSAD 280 was changed to **BSAD 380** effective Fall 2012.

So the Prerequisite should read: Grades of C or above in CJ 300 and CJ 307, or grades of C or above in **BSAD 380** and MGMT 340. Minimum resident and total GPA of 2.50.